



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

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Compilation of Community Procedures on Inspections and Exchange of Information

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Table of Contents:

Introduction	4
Quality Systems Framework for GMP Inspectorates	5
Procedures Related to Rapid Alerts	14
Handling of Reports of Suspected Quality Defects in Medicinal Products	14
Procedure for Handling Rapid Alerts Arising From Quality Defects	20
Rapid Alert Notification of a Quality Defect / Recall	27
Follow-up and Non-urgent Information for Quality Defects	28
Procedures Related to GMP Inspections	29
Conduct of Inspections of Pharmaceutical Manufacturers or Importers	29
Outline of a Procedure for Co-ordinating the Verification of the GMP Status of Manufacturers in Third Countries	46
Guideline on Training and Qualifications of GMP Inspectors	54
Guidance on the Occasions When It Is Appropriate for Competent Authorities to Conduct Inspections at the Premises of Manufacturers of Active Substances Used As Starting Materials	60
The Issue and Update of GMP Certificates	66
A Model for Risk Based Planning for Inspections of Pharmaceutical Manufacturers	73
Procedure for Dealing With Serious GMP Non-compliance or Voiding/Suspension of CEPS Thus Requiring Co-ordinated Administrative Action	93
Procedure for Dealing with Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations	106
Procedures Related to GDP Inspections	111
Guideline on Training and Qualification of Inspectors Performing Inspections of Wholesale Distributors	111
GDP Inspection Procedure (Medicinal Products for Human Use)	116
The Issue and Update of GDP Certificates (Medicinal Products for Human Use)	123
Interpretation Documents	128
Interpretation of the Union Format for Manufacturer/Importer Authorisation	128
Forms Used by Regulators	143
GMP Inspection Report – Union Format	143
Union Basic Format for Manufacturer’s Authorisation	148
Union Format for a GMP Certificate	164
Statement of Non-Compliance with GMP	172
Notification of Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations	181
Union Format for a Wholesale Distribution Authorisation (Medicinal Products for Human Use)	191
Union Format for a Good Distribution Practice Certificate (Medicinal Products for Human Use)	195

Union Format for a Good Distribution Practice Certificate for Active Substances to be used as Starting Materials in Medicinal Products for Human Use.....	197
GDP Inspection Report – Union Format	199
Statement of Non-Compliance with Good Distribution Practice.....	204
Statement of Non-compliance with Good Distribution Practice of a distributor of active substances for use as starting materials in medicinal products for human use	206
Request Form for the Exchange of Information on Marketing Authorisation Holders or Manufacturing Authorisation Holders between the Competent Authorities in the EEA	208
Union Format for Registration of Manufacturer, Importer or Distributor of Active Substance (used in Medicinal Products for Human Use)	211
Union Format for Registration of Manufacturer, Importer or Distributor of Active Substance (used in Medicinal Products for Human Use)	211
Procedures Related to Centralised Procedures	215
Co-ordinating GMP Inspections for Centrally Authorised Products	215
History of Changes to The Compilation of Procedures	219



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Introduction

The Compilation of Community Procedures on Inspections and Exchange of Information, formerly known as the Compilation of Community Procedures on Administrative Collaboration and Harmonisation of Inspections, is a tool for facilitating co-operation between the GMP inspectorates of the Member States and a means of achieving harmonisation. The procedures within it provide the basis for national procedures that form part of the national GMP inspectorates' quality systems. These quality systems are based on a framework laid down in one of the documents of the Compilation. In July 2010 documents connected with Good Distribution Practice (GDP) inspections started to be added to the Compilation.

The contents of the Compilation of Procedures are constantly updated developed and agreed, under the co-ordination of the European Medicines Agency, by representatives of the GMP Inspectorates of each member state, including those supervising the manufacture and import of veterinary medicinal products only. Once agreed, they are adopted by the European Commission and then published on its behalf by the European Medicines Agency.

The Heads of Medicines Agencies have agreed to the setting up of a joint audit programme of GMP inspectorates to maintain mutual confidence in the GMP inspection systems of each member state by the other member states, and the Compilation provides criteria on which the audits are based.

Member states are obliged to take account of the Compilation of Procedures by virtue of Art. 3 (1) of Directive 2003/94/EC. Until such time as the corresponding GMP directive for veterinary medicinal products, Directive 91/412/EEC, is amended accordingly, GMP Inspectorates dealing exclusively with veterinary medicinal products have voluntarily agreed to abide by it, although it is recognised that the formats for inspection reports, manufacturing authorisations and GMP certificates are of a binding nature by virtue of Art. 51 of Directive 2001/82/EC, as amended.





Quality Systems Framework for GMP Inspectorates

Table of contents:

- Introduction
- Purpose
- Scope
- Definitions
- Quality Manual
- Administrative Structure
- Organisation and Management
- Documentation and Change Control
- Records
- Inspection Procedures
- Inspection Resources
- Internal Audit
- Quality Improvement and Corrective/Preventive Action
- Complaints
- Issue and Withdrawal of Licenses and GMP Certificates
- Handling Suspected Quality Defects and Rapid Alert System
- Liaison with OMCL
- Sub-Contracting and Assessing
- Publications

Title	Quality Systems Framework for GMP Inspectorates
Date of adoption	November 2007
Date of entry into force	April 2008
Supersedes	Version in force from March 2004
Reason for revision	Following the implementation of ICH Q9 guideline the text was amended to introduce a quality risk management approach including minor editorial changes
Notes	None



Quality Systems Framework for GMP Inspectorates

1. Introduction

- 1.1 One of the main purposes of the GMP/GDP Inspectors Working Group is to establish and maintain a system for mutual recognition of national inspections in respect of the manufacture and, where relevant, wholesale distribution of medicinal products and for the administrative collaboration between Member States (MS) of the European Economic Area (EEA). The general requirements for national pharmaceutical inspectorates are to fulfil the requirements of national legislation and of the relevant European Directives for EEA countries. Specific obligations of inspections as contained in national law and if any European Directives must be included in the national Inspectorate's quality systems.
- 1.2 This document outlines the quality system requirements for GMP pharmaceutical inspectorates. It is intended that each GMP pharmaceutical inspectorate uses the document as the basis for developing and implementing its quality system and for preparing the quality manual. In addition to providing a basis for self-assessment and a reference document for use by external assessors, establishing and maintaining an effective quality system will generate confidence within and between GMP national pharmaceutical inspectorates in the assessment of compliance with good manufacturing practice and/or good wholesale distribution practice.
- 1.3 National GMP pharmaceutical inspectorates, the European Commission (EC), the European Medicines Agency (EMA) and the pharmaceutical Inspection Cooperation Scheme – (PIC/S) should co-operate with one another in exchanging experiences in the maintenance and operation of quality systems and in the further development of this document.
- 1.4 Only on voluntary basis, this document could be useful for (other) inspectorates assessing compliance with GXP or for the inspection of pharmacies.
- 1.5 In preparing this text, the working group was advised by:
- | | |
|-----------------------|---|
| EN ISO/IEC 17020:2005 | General criteria for the operation of various types of bodies performing inspections; |
| EN ISO/IEC 17023:2006 | General requirements for bodies operating assessment and certification/ registration of quality system; |
| ISO 9001-2000 | Quality management systems-Requirements; |
| ISO 9004-2000 | Quality management systems: guidelines for performance improvements; |
| ISO 19011: 2002 | Guidelines for quality and/or environmental managerial systems auditing; |
| PI 002-1: 2000 | Recommendations on quality system requirements for pharmaceutical inspectorates; |

May 2001	Revised Compilation of Community procedures on administrative collaboration and harmonisation of inspections;
1998	Proceedings of the PIC-PIC/S seminar on quality systems for pharmaceutical inspectorates.

2. Purpose

- 2.1 The primary purpose of a quality system is to ensure that adequate quality standards are maintained. The purpose of adopting a common standard for quality system requirements is to achieve consistency in inspection standards between GMP national pharmaceutical inspectorates and thus to facilitate mutual recognition of those inspectorates. This standard should facilitate implementation of the European Joint Audit Programme and PIC/S Joint Re-assessment Programme.
- 2.2 Each GMP national inspection service should use this document as the basis for developing its own quality system, so that inspection activities within each inspection service are carried out in accordance with a system compatible with those of the other member states.

3. Scope

- 3.1 This document specifies the quality system requirements for national pharmaceutical inspection services concerned with good manufacturing practice.
- 3.2 Where wholesale inspections are required by national legislation to be carried out by GMP national pharmaceutical inspection service, this document specifies the quality system requirements for national pharmaceutical inspection services concerned with good wholesale distribution practice of medicinal products.
- 3.3 The quality system should include all activities involved in the inspection process.

4. Definitions

- 4.1 Quality system:
The sum of all that is necessary to implement an organisation's quality policy and meet quality objectives. It includes organisation structure, responsibilities, procedures, systems, processes and resources. Typically these features will be addressed in different kinds of documents as the quality manual and documented procedures, modus operandi.
- 4.2 Quality:
The totality of characteristics of an entity that bear on its ability to satisfy stated and implied needs.
- 4.3 Pharmaceutical Inspectorate:
The national body responsible for co-ordinating and carrying out GMP inspections, including inspections of pharmaceutical manufacturers and/or wholesale distributors. If relevant, this could include making decisions concerning the issue or withdrawal of establishment licences or authorisations for their activities, the issue or withdrawal of GMP certificates, providing advice and handling suspected quality defects.

4.4 Licence:

For the purposes of this document, a licence is defined as an authorisation to manufacture or distribute medicinal products.

5. Quality Manual

- 5.1 The pharmaceutical inspectorate shall prepare and maintain a quality manual covering the elements described in this document. It is for each pharmaceutical inspectorate to decide on the format and style of their quality manual, but it must include, or make reference to, the quality system procedures which define the activities of the Inspectorate and the arrangements for maintaining the quality system. The reference used to complete it (as ISO or EN norms) must be quoted too.

6. Administrative Structure

- 6.1 The structure, membership and operation of the GMP pharmaceutical inspectorate shall be such as to enable it to meet the objectives of quality management and to ensure that impartiality is safeguarded.
- 6.2 The personnel of the inspection service, including sub-contracted personnel and experts, shall be free from any commercial, financial and other pressures which might affect their judgement and freedom to act. The pharmaceutical inspectorate shall ensure that persons or organisations external to the inspection organisation cannot influence the result of inspections. The system for obtaining fees should not improperly influence the inspection procedure. Rules for deontology, ethic and conflict of interests should be clearly defined.
- 6.3 The relationship of the pharmaceutical inspectorate to other agencies and to other organisations within and outside the Inspectorate shall be described where relevant.
- 6.4 The pharmaceutical inspectorate shall implement a policy which distinguishes between the process of inspection and that of issuing a GMP manufacturing authorisation.
- 6.5 Where relevant, the pharmaceutical inspectorate shall implement a policy which distinguishes between the process of inspection and that of providing an advisory service to clients. This service should be of benefit to all of industry and not solely to individual organisations.

7. Organisation and Management

- 7.1 Senior management of the pharmaceutical inspectorate shall make a formal commitment to the recommended principles embodied in this document by ensuring that the quality policy of the Inspectorate is documented, that it is relevant to the objectives of that organisation and that it is implemented.
- 7.2 The responsibility, authority and reporting structure of the pharmaceutical inspectorate shall be clearly defined and documented. The structure shall be defined in organisation charts and shall be supported by written job descriptions for each member of staff.
- 7.3 There shall be nominated an appropriately qualified and experienced person or persons with responsibility to carry out the quality assurance function, including implementing and maintaining the quality system. This person shall have direct access to senior management.

- 7.4 Senior management of the competent authority shall ensure that the pharmaceutical inspectorate has sufficient resources at all levels to enable it to meet its objectives effectively and efficiently. The senior management of the pharmaceutical inspectorate shall ensure that all personnel are competent and qualified to carry out their assigned duties and that they receive appropriate training. Such training shall be documented and its effectiveness assessed.
- 7.5 There shall be a system for periodic management review of the quality system. Such reviews shall be documented and records shall be retained for a defined period.

8. Documentation and Change Control

- 8.1 The pharmaceutical inspectorate shall establish and maintain a system for the control of all documentation relating to the inspection system. This shall include policies, procedures, guidelines and any documents of external origin such as regulations and directives which may direct the activities of the Inspectorate or influence the quality of its operations.
- 8.2 The document control system shall ensure that documents are authorised by appropriate persons prior to issue and that only current versions are held by nominated individuals. A record of all relevant documents and document holders shall be maintained. The system shall ensure that superseded documents are withdrawn from use. Superseded documents shall be retained for an appropriate and defined period.
- 8.3 The documentation system shall ensure that any changes to documents are made in a controlled manner and are properly authorised. There shall be a means of identifying changes in individual documents.

9. Records

- 9.1 The pharmaceutical inspectorate shall establish and maintain a system of records relating to its activities which complies with any existing regulations. If relevant, the system shall include documents received from licence applicants and licence holders as appropriate.
- 9.2 Records shall provide detailed information about the planning of inspections, the way in which each inspection was applied, a description of the inspection process, follow-up activities and recommendations to the body responsible for issuing licences.
- 9.3 All records shall be handled in such a way as to prevent their damage or loss and shall be retained for an adequate period consistent with any legal requirements. All records shall be maintained in confidence to the inspected party unless otherwise required under freedom of information legislation, or unless required under exchange of information procedures and arrangements between national pharmaceutical inspectorates, the EU/EEA, the EMEA and Mutual Recognition Agreement (MRA) or PECA partners.

10. Inspection Procedures

- 10.1 The pharmaceutical inspectorate shall conduct repeated inspections of manufacturers and/or wholesale distributors and shall issue inspection reports in accordance with national or European Community requirements as appropriate.

- 10.2 The pharmaceutical inspectorate shall have the documented procedures and resources to enable inspection of manufacturing and wholesale distribution operations to be carried out in accordance with the official guidelines and national legislation and in accordance with a formal inspection plan. All instructions, standards or written procedures, worksheets, check lists and reference data relevant to the work of the pharmaceutical inspectorate shall be maintained up-to-date and be readily available to staff.
- 10.3 When more than one inspector is involved in an inspection, a lead inspector shall be appointed to co-ordinate inspection activities. The inspection report shall normally be prepared by the lead inspector and shall be agreed by all participating inspectors.
- 10.4 The inspection report format should be in compliance with the European model.
- 10.5 The report should be sent to the responsible person of the inspected structure (preferably the qualified person). The lead inspector and all concerned inspectors should participate in assessing the reply.
- 10.6 Observations and/or data obtained in the course of inspections shall be recorded in a timely manner to prevent loss of relevant information.
- 10.7 Completed inspections shall be reviewed to ensure that requirements are met.

11. Inspection Resources

11.1 Personnel

- 11.1.1 The pharmaceutical inspectorate shall possess the required personnel, expertise and other resources to perform inspections of manufacturers and/ or wholesale distributors to determine their compliance with the principles and guidelines of current good practices and with the relevant legislation.
- 11.1.2 The staff responsible for inspections shall have appropriate qualifications, training, experience and knowledge of the inspection process. They shall have the ability to make professional judgements as to the conformance of the inspected party with the requirements of good practices and the relevant legislation and be able to apply an appropriate degree of risk assessment. They shall have knowledge of current technology, including computerised systems and information technology.
- 11.1.3 The pharmaceutical inspectorate shall establish a documented system for recruiting and training its personnel and shall carry out a regular review of the training received and the training needs for each member of staff. Individual training and qualification records shall be maintained.

11.2 Resources and equipment

- 11.2.1 The pharmaceutical inspectorate shall have available the necessary resources and equipment to enable it to carry out its obligations effectively and efficiently.

11.3 Risk management

- 11.3.1 The pharmaceutical inspectorate should implement risk management for assigning resources and prioritizing tasks and activities to carry out its obligations (e.g. planning of inspections).
- 11.3.2 The pharmaceutical inspectorate should also implement risk approach in the conducting of inspection.

12. Internal Audit

- 12.1 The pharmaceutical inspectorate shall carry out and document periodic internal audits of its operations to assess compliance with the requirements of the quality system. Results of internal audits and associated corrective actions shall be reviewed as part of the management review process.
- 12.2 Internal audit processes and documents, auditors qualifications should be clearly defined (e.g. reference to ISO 19011: 2002).
- 12.3 Internal audit records shall be retained for a defined period.

13. Quality Improvement and Corrective/Preventive Action

- 13.1 Quality indicators:
 - 13.1.1 The pharmaceutical inspectorate should establish and maintain quality indicators related to its activities notably in the area of timeframe mentioned in existing EU or national regulations (e.g. licensing system for manufacturing or marketing authorizations) and/ or documentation (e.g. writing reports).
 - 13.1.2 Quality indicators should be reviewed as part of the management review process.
- 13.2 Corrective/ preventive action:
 - 13.2.1 The pharmaceutical inspectorate shall establish and maintain a procedure for the investigation of non-compliances with the quality system which are identified through internal or external audit of its activities. The procedure shall include the prescribing, implementation and verification of corrective action. The procedure shall cover also corrective actions arising from the investigation of complaints and other observations relating to the activities of the Inspectorate.
 - 13.2.2 The system shall include a description of the steps to be taken in assessing the need for quality improvement and preventive action.
 - 13.2.3 Corrective and preventive actions shall be documented and records shall be retained for a defined period.

14. Complaints

- 14.1 The pharmaceutical inspectorate shall establish and maintain a procedure for dealing with complaints relating to its activities, or those of its personnel, and any contracted persons or organisations. The procedure shall describe the application and verification of corrective action arising from the investigation of complaints.
- 14.2 Records shall be maintained of all complaints received and actions taken and shall be retained for a defined period.

15. Issue and Withdrawal of Licences and GMP Certificates

- 15.1 The pharmaceutical inspectorate shall establish and maintain a system for the issue and withdrawal of licences and GMP certificates, or for advising about the issue and withdrawal of licences and GMP certificates, as appropriate.

- 15.2 Licence and GMP certificate applications shall be assessed and determined in a timely manner and within any time limits imposed by national or European Community requirements. Where time limits are imposed, inspection activities shall be included in the total time taken to determine the application.
- 15.3 There shall be a documented system for taking appropriate action against a licence and/ or a GMP certificate notably in the event of an adverse inspection report and for notifying other Member States. The system shall be based on QRM and include descriptions of the actions available to the Inspectorate; such actions may include suspension, variation or revocation of the licence and/ or the GMP certificate(s). There shall be a system for assessing compliance of an organisation with the imposed licensing action.
- 15.4 The system shall include a description of the appeals procedure available to licence holders.
- 15.5 If the licensing system is not part of the pharmaceutical inspectorate, the latter should establish and maintain a defined liaison with it to obtain and guarantee the objectives mentioned above.

Marketing authorisation

- 15.6 The pharmaceutical inspectorate should establish and maintain a defined liaison with units responsible for marketing authorisation in order to facilitate actions against marketing authorisation following an inspection, if appropriate.
- 15.7 Other Member states should be informed with such actions, if appropriate.

16. Handling Suspected Quality Defects and Rapid Alert System

- 16.1 The pharmaceutical inspectorate shall establish and maintain a system for handling of reports of suspected quality defects in medicinal products as defined in the related Community procedure. This system shall be based on QRM.
- 16.2 The pharmaceutical inspectorate shall establish and maintain a system for issuing Rapid Alerts as defined in the related Community procedure.
- 16.3 The pharmaceutical inspectorate shall establish and maintain an updated list of all performed recalls.
- 16.4 If the organization in charge of handling suspected quality defects and the rapid alert system is not part of the pharmaceutical inspectorate, the latter should establish and maintain a defined liaison with it to obtain and guarantee the objectives mentioned above.

17. Liaison with the Official Medicines Control Laboratory (OMCL)

- 17.1 The pharmaceutical inspectorate should establish and maintain a defined liaison with the OMCL(s) of its own MS in order to exchange information concerning the quality of medicines on the national market. In particular, a validated SOP shall define sampling processes for starting materials and medicinal products.

18. Sub-Contracting and Assessing

- 18.1 The pharmaceutical inspectorate shall normally carry out the inspections for which it is responsible and whilst it may sub-contract some of its work it cannot sub-contract any of its responsibility. Sub-contracted personnel or experts may be employed as part of an inspection team to assist or advise in a technical capacity, but that team shall normally be led by a GMP lead inspector. Sub-contracted personnel shall be bound by the requirements of the quality system and there shall be a written contractual agreement between the parties.
- 18.2 Persons or organisations to whom inspection activities are contracted out and experts shall be free from any commercial or financial pressures which might affect their freedom to act. They should follow defined rules to avoid conflict of interests and regarding ethic and deontology. Senior management of the pharmaceutical inspectorate shall ensure that these persons are appropriately qualified and experienced and that they are independent of any organisations which they might be asked to inspect.

19. Publications

- 19.1 The pharmaceutical inspectorate should have at its disposal an updated list of licensed manufacturers and/or wholesale distributors. The list shall be made available on demand made by authorised bodies.



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Procedures Related to Rapid Alerts

Handling of Reports of Suspected Quality Defects in Medicinal Products

Table of contents:

- Scope
- Introduction
- Definitions
- Handling Process
- Quality Assurance

Title	Handling of Reports of Suspected Quality Defects in Medicinal Products
Date of adoption	31 January 2010
Date of entry into force	1 August 2010
Supersedes	Version in force from 1 September 2003
Reason for revision	The scope was extended to include active substances/ active pharmaceutical ingredients and falsified medicines
Notes	None



Handling of Reports of Suspected Quality Defects in Medicinal Products

1. Scope

This guidance covers the handling of reports of suspected quality defects in medicinal products for humans and animals made to a Competent Authority before, if necessary, a rapid alert is transmitted. It recommends the elements of a procedure for receiving, assessing and categorising reports of suspected defective products that necessarily precedes a rapid alert.

2. Introduction

- 2.1. Discussion at the GMP/ GDP Inspectors Working Group and elsewhere has indicated the need to harmonise the handling of reports of suspected quality defects in medicinal products and confirm mutual confidence in Member States' procedures for assessing the need to transmit a rapid alert of a quality defect.
- 2.2. Holders of an authorisation under Article 40 of Directive 2001/83/EC and under Article 44 of Directive 2001/82/EC (i.e. manufacturers and importers of medicinal products) are obliged under Article 13 of Directive 2003/94/EC or Article 13 of Directive 91/412/EEC and GMP Guide Chapter 8.8 to report to their Competent Authority any defect in a medicinal product handled under their authorisation that could result in a recall or abnormal restriction in supply. This includes possibly faulty manufacture, product deterioration, detection of falsified medicines or any other serious quality problems with a product. It is normally the Qualified Person who has this responsibility.

Reports of suspected defects may also be sent to the authorities by other competent authorities, health professionals, wholesale dealers and members of the general public. In addition, a report of an adverse drug reaction may in fact be due to a defect in the quality of the product concerned.

Official Medicines Control Laboratories may also report to their competent authorities confirmed out of specification results from testing medicinal products on the market requiring further assessment.

- 2.3. Member States are obliged to take all appropriate measures to ensure that a medicinal product is withdrawn from the market if it proves to be harmful under normal conditions of use, if its composition is not as declared or if the controls on the finished product or during the manufacturing process or other requirement of the manufacturing authorisation has not been fulfilled [Article 117 of Directive 2001/83/EC and Article 83 of Directive 2001/82/EC].
- 2.4. Each Competent Authority should have a written procedure that covers the receipt and handling of notifications of suspected defective products and batch recalls from companies or health professionals both during and outside normal working hours.

- 2.5. It is normally the responsibility of the company to recall a batch and to notify customers accordingly. It is normally the responsibility of the Competent Authority to notify other authorities of the recall. Responsibilities for notifying health professionals, media and the general public may vary between member states.

3. Definitions

Suspected defective product. A medicinal product about which a report has been received suggesting that it is not of the correct quality, as defined by its Marketing Authorisation.

Batch recall. The action of withdrawing a batch from the distribution chain and users. A batch recall may be partial, in that the batch is only withdrawn from selected distributors or users.

Rapid Alert. An urgent notification from one competent authority to other authorities that a batch recall has been instituted in the country originating the rapid alert. The procedure for handling rapid alerts and recalls arising from quality defects is part of the Compilation of Community Procedures.

4. Handling Process

4.1 Aim

To record and assess, during and outside office hours, reports of suspected defective products and to implement action with appropriate urgency.

4.2 Process Steps

- 4.2.1. Contact details for reporting suspected defective medicinal products to the Competent Authority should be made widely known and readily available to those likely to need to make a report. This would include manufacturers and marketing authorisation holders and may also include wholesalers, hospitals, pharmacists, veterinary practitioners and local health authorities.

A dedicated, continuously manned telephone line is preferred. Arrangements should be made to divert calls if necessary during out-of-office hours. If other means such as fax or e-mail are used they should be monitored frequently, including during out-of-office hours.

- 4.2.2. Every contact should be recorded, using a standard format for recording information. The first informant is unlikely to have all the required information so it is most important that a contact is agreed from whom further information may be obtained. A registered file should be established for each suspected defect to collect information as it becomes available.

- 4.2.3. The report should be referred with minimum delay to a person(s) able to make an initial professional assessment of the nature, extent and urgency of possible public health and animal health risk. A target time should be set for reports to be referred to this person, normally less than one hour. It may be possible to give guidance to the person receiving out-of-hours reports on the nature of reports which must be relayed to the professional assessor before the next routine working day.

- 4.2.4. The initial professional assessment should include the following considerations:
- risk to health of an individual (human or animal) if the suspected defect is real (consider risk to vulnerable patients as well as normal individuals, risk of not receiving the correct medication, risk from incorrect dosage (consider the therapeutic index), long-term risk as well as immediate risk (e.g. if a complete dispensed container is faulty the impact on the individual will be cumulative, risk to persons administering a defective veterinary medicinal product, risk to the consumer of animal foodstuff in view of possible residues in the foodstuff);
 - probability that the defect is real and occurs in the medicine supplied by the manufacturer or importer (e.g. not a clinical effect with a different cause, not a defect introduced at the time of dispensing);
 - in the case of suspicion of defective vaccines (cross contamination with a virus), risk of distorting the analysis in national programmes against certain viral diseases.
- 4.2.5. At this stage it will be decided whether the potential hazard to health is such that extraordinary measures must be taken (including the convening of an emergency action group out-of-office hours) or whether further consideration may be left for normal office hours.
- 4.2.6. Further professional assessment of the risk from the product should involve discussion with the manufacturer or importer and include consideration of:
- any other reports which may be related;
 - the distribution of the batch (e.g. restricted to known hospitals, widespread through wholesalers);
 - date of first distribution and last distribution;
 - any remaining stock with the manufacturer or importer;
 - probability that other batches are affected in the same way, and their distribution.
- 4.2.7. If a recall is being considered extremely important issues to consider include:
- possibility of an out-of stock situation;
 - availability of alternative products;
 - clinical effect of a disruption in supply.

Note: No supply of a product may be worse than use of product with a suspected deficiency.

- 4.2.8. Direct personal contacts are important, especially with the person making the report, the person co-ordinating action for the company (usually the QP), the inspector familiar with the manufacturer or importer and persons responsible for vigilance within the Competent Authority.

It is often helpful in detailed discussions if communications are between professional equivalents, e.g. medical assessor with medical staff of the company, inspectors with QPs or production staff, analytical assessors with QC staff, etc.

All information obtained verbally should be confirmed in writing.

4.3 Samples

Wherever possible the sample involved in the defect report should be obtained by the Competent Authority. It should normally be examined by an Official Medicines Control Laboratory as agreed by the Competent Authority. In certain cases samples should be provided to the company for examination under full supervision of the Competent Authority. Results should always be made available to the company.

Note: A company should have instructions for release of retained samples in order not to have all of them used up during an emergency situation other than with consent from the Competent Authority.

4.4 Inspection

The inspector normally associated with the manufacturing or importing site should be made aware of the report and may comment on general GMP compliance and what related products made.

On-site inspection may be required to assess batch records of the product concerned, plant records and records of other batches or products which could also be affected.

Samples may be taken of the batch concerned, related batches and related starting materials. When considering taking material from the company's retained samples, consideration must be given to the quantity available and all tests which may be required for further investigations. These may be prescribed by the marketing authorisation or national requirements. This could also be applied to the European Agency.

4.5 Preparing a Decision

4.5.1. Having considered all the available information, including the need to make a decision without waiting for full information to be available because of the potential risk to public health, a decision will be taken on appropriate action, which may be one or more of the following according to national procedures:

- filing without follow-up (no further action);
- further investigation;
- quarantine of remaining stock at manufacturer and quarantine or recall at wholesalers either while further investigation occurs or to prevent further distribution even if a full recall is not required;
- GMP measures to avoid a recurrence;
- distribution of a 'caution in use' notice to concerned health professionals;
- notification of the batch recall to selected health professionals (e.g. particular hospitals, clinics, dentists);
- notification of the batch recall to all health professionals (e.g. including all hospitals, doctors, community pharmacies, veterinary practitioners etc.);
- notification of the batch recall through the media;
- publication on the competent authority website, newsletter or similar;
- an assessment should be made if other batches of the same products or other products could be affected the same GMP deficiency.

The exact wording of any notification should be checked and if possible agreed with the company. Particular attention should be paid to check the batch number(s), expiry dates and product name and strength. Advice should be given on where further information may be obtained (normally from the company).

The distribution of the notification to interested parties within the authorities should be agreed. This may include national Ministers and other government departments, government press officers and, by means of a Rapid Alert¹, authorities and organisations in other countries (EEA, MRA Partners, PIC/S participating authorities, WHO, others).

As far as possible standard formats, wording and distribution lists should be used for the notifications with the aim of ease of understanding by the recipient and lack of ambiguity.

4.6 Validating the Decision

According to the national Competent Authority procedures, approval should be obtained for the proposed action.

4.7 Implementing the Decision

Refer to national procedures and the Procedure for Handling Rapid Alerts from Quality Defects.

4.8 Follow-Up

4.8.1. There should be consideration of what if any action to take concerning the Marketing or Manufacturing Authorisations and their holders.

4.8.2. The Inspectorate should assess the follow-up actions by the company, including the reconciliation of issued, returned and remaining stocks, the investigation into the cause of the defect and actions to prevent a repetition.

4.8.3. Completion of any follow-up actions should be checked, for example completing and organising records and archiving according to national procedures.

5. Quality Assurance

5.1. All procedures should be documented and maintained up to date.

5.2. Contact lists for officials and companies should be maintained up-to-date and should be verified at intervals (e.g. a rolling programme of annual checks of company contacts, possibly as part of GMP inspections).

5.3. All staff who could be involved in receiving a report of a suspected defective product or handling a Rapid Alert should be trained in the relevant procedures and have access to a copy of the SOPs and report forms wherever they may be required to act (including at home if they are on call outside-office hours).

5.4. It is particularly important that those procedures which may need to be followed by staff not routinely involved (e.g. called upon as a reserve) and/or required to be involved when away from their office should be detailed and easy to follow.



EUROPEAN COMMISSION
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**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
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Procedures Related to Rapid Alerts

Procedure for Handling Rapid Alerts Arising from Quality Defects

Table of contents:

- Scope
- Introduction
- Criteria for Issuing a Rapid Alert
- Issue of a Rapid Alert Notification
- Fraud and Falsified Products
- Follow-up Action
- Further use of Rapid Alert Contact List
- Appendices

Title	Procedure for Handling Rapid Alerts Arising from Quality Defects
Date of adoption	31 January 2010
Date of entry into force	Immediately
Supersedes	Version in force 20 September 2006
Reason for revision	Transmission of notifications changed from fax to email, Class I and II defects to be circulated to all contacts on notification list. The scope was extended to include active substances/ active pharmaceutical ingredients and investigational medicinal products
Notes	Pharmacovigilance or medical device alerts are not included within the scope of this procedure



Procedure for Handling Rapid Alerts Arising from Quality Defects

1. Scope

This procedure covers the transmission of information when urgent action is required to protect public or animal health by means of a rapid alert relating to the recall of medicinal products, which have quality defects or which are falsified, between Competent Authorities responsible for human and veterinary medicinal products in the European Economic Area (EEA) (the “Member States”), in EU acceding countries, , MRA countries, , authorities participating in PIC/S, the European Commission and international organisations (Council of Europe/EDQM, WHO). It may also be extended to authorities in countries with which the Community has made appropriate arrangements on GMP. The procedure may be used also for transmission of other information such as cautions-in-use, product withdrawals for safety reasons or for follow-up messages to any of the above listed categories. This procedure covers both human and veterinary medicinal products and operates within the scope of the relevant Two Way Alert programmes established between the Community and MRA partners.

The procedure may also be used to notify quality defects, counterfeit or fraud in active pharmaceutical ingredients or investigational medicinal products when deemed relevant by the issuing authority.

Pharmacovigilance or Medical Device alerts are not included within the scope of this procedure.

2. Introduction

- 2.1 In order to protect public health and animal health, it may become necessary to implement urgent measures such as the recall of one or more defective batch(es) of a medicinal product during its marketing period or an investigational product during clinical trials.
- 2.2 Each holder of an authorisation referred to in Article 40 of Directive 2001/83/EC (for medicinal products for human use), Article 13 of Directive 2001/20/EC (for investigational medicinal products) or Article 44 of Directive 2001/82/EC (for veterinary medicinal products) is required by Article 13 of Directive 2003/94/EC or Article 13 of Directive 91/412/EEC (for veterinary medicinal products) to implement an effective procedure for the recall of defective products. The authorisation holder is required to notify the relevant Competent Authority of any defect that could result in a recall and indicate, as far as possible, the countries of destination of the defective product.
- 2.3 In addition, for centrally authorised products Council Regulation EC/726/2004, Art. 16(2) or Article 41(4) (for veterinary products) the marketing authorisation holder is obliged to keep the European Medicines Agency informed of certain new information (e.g. restrictions of supply).
- 2.4 Each Competent Authority should have a written procedure for the issue, receipt and handling of notifications of defective products, batch recalls and other rapid alerts during and outside normal working hours.

- 2.5 The Competent Authority of each Member State should assist the authorisation holder in the recall process, as appropriate, and monitor its effectiveness. The Competent Authority should ensure that information concerning the recall of medicinal products is notified rapidly to other Member States, if the nature of the defect presents a serious risk to public health. This information should be transmitted by means of the "Rapid Alert System".

3. Criteria for Issuing a Rapid Alert

- 3.1 The aim of the Rapid Alert System is to transmit only those alerts whose urgency and seriousness cannot permit any delay in transmission. To ensure its effectiveness, the system must not be saturated by the transmission of less urgent information. In each case a professional assessment must be made of the seriousness of the defect, its potential for causing harm to the patient or (in the case of a veterinary product) harm to animals, consumers, operators and the environment, and the likely distribution of the affected batch(es). Appendix 1 provides guidance on the classification of the urgency of the recall of defective medicinal products.
- 3.2 Class I defects are potentially life threatening. A rapid alert notification must be sent to all contacts of the rapid alert notification list irrespective of whether or not the batch was exported to that country.
- 3.3 Class II defects could cause illness or mistreatment, but are not Class I. A rapid alert notification should be sent to all contacts of the rapid alert notification list as it might be difficult to know where a batch has been distributed. If the product distribution is known, the notification should be only sent to the contacts concerned.
- 3.4 Class III defects may not pose a significant hazard to health, but withdrawal may be initiated for other reasons. These are not normally notified through the Rapid Alert System.
- 3.5 Where appropriate, the rapid alert system may be used for notification to authorities concerned of the recall of products or an embargo on the distribution of products following suspension or withdrawal of a manufacturing / wholesale authorisation.

4. Issue of a Rapid Alert Notification

Responsibility

- 4.1 For a batch manufactured in a Member State, or a batch manufactured in a third country and imported into the EEA, which is the subject of a national (including mutually recognised or decentralised) marketing authorisation, the Competent Authority of the Member State in which the defect was first identified should investigate the defect and issue the rapid alert.
- 4.2 In the case of a centrally authorised product, and in the exceptional case of a product that has both a centralised and a national authorisation, the Competent Authority of the Member State in which the defect was first identified should lead the investigation of the defect and issue the rapid alert (the issuing authority). The alert should include a recommendation on proposed action for all affected authorities.

When time allows, the content of the proposed action should be agreed with the supervisory authority, the European Medicines Agency and the CxMP rapporteur. In some circumstances and especially when the Supervisory Authority has conducted all the investigations, the Member State in which the defect was first identified may delegate to the Supervisory Authority the issuing of the Rapid Alert. When, due to the urgency of the defect there is not sufficient time to develop a harmonised proposed action, this section of the Rapid alert notification should inform all recipients that the European Medicines Agency will co-ordinate further action in co-operation with the relevant Supervisory Authority, in accordance with the Agency's Crisis Management Procedures and that harmonised follow-up actions will be transmitted when ready.

- 4.3 In the case of parallel distribution of a centrally authorised product and where no repackaging is carried out, the procedure described under 4.2 applies. This procedure also applies if the defect resulted from a repackaging operation. Where repackaging is carried out but the defect results from the original manufacturing process, the procedure described under 4.2 still applies, but the rapid alert should include descriptions of the different packaging in which the product might appear (for example different language versions and pack sizes) where this information is available from the European Medicines Agency.
- 4.4 In the case of a parallel import, the Competent Authority of the Member State in which the defect was first identified should issue the rapid alert.

Format of the rapid alert and its transmission

- 4.5 A suitable format for the notification of quality defects by the Rapid Alert System is given in Appendix 2. The form should be completed clearly in English. The notification and relevant documents should be sent to the rapid alert contact list by electronic mail. The contact list and any relevant documents should be attached to the notification.

The electronic mail message should use a unique subject line to identify the rapid alert and any follow-up messages. The subject line should consist of the following:

RapidAlert; [Qdefect / Counterfeit / Fraud], Class [I / II]; Product [Name / INN], Action [Recall / No Recall / Follow-up], Rapid alert reference number. (For example RapidAlert; Qdefect; I, ProductX; Follow-up,CH/I/07/01).

The rapid alert should be given a unique reference number with the following format: Country code (country where the original alert was issued)/Region or Authority code (where applicable)/classification/sequential number/correspondence number. (For example ES/II/05/02 would indicate a class II rapid alert initiated by Spain, being the 5th rapid alert initiated by Spain and that it is the second correspondence regarding this rapid alert).

- 4.6 Transmission of a Class I rapid alert must be concurrent with the national action. Whenever feasible, transmission of a Class II rapid alert should be concurrent with the national action but in all cases should be within 24 hours of the national notification.

In the case of a Class I notification, it may be necessary to alert authorities in different time zones in addition by telephone.

When an authority issues a further rapid alert for a batch, the field 18 in the form in Appendix 2 "Detail of Defect/Reason for recall" should begin with the text: "Rapid Alert following original rapid alert #ref. no.#".

Rapid alert contact list

4.7 The European Medicines Agency maintains the contact list for the rapid alert notifications of the competent authorities covered by Section 1. There is normally one contact per authority nominated by each member state. Changes to contact names or details must be notified to the European Medicines Agency (qdefect@ema.europa.eu) and are circulated immediately to the entire list by electronic mail. Contact details include telephone and fax numbers, electronic mail address, which should be monitored at all times.

5. Fraud and Falsified Products

The Rapid Alert System should be used to notify competent authorities of the possible presence in the legal distribution network of falsified products or those resulting from fraud in manufacture, packaging, distribution or promotion and products containing falsified starting materials.

The Competent Authority of the Member State or MRA partner in which the fraud or falsification was first detected should issue the notification. The format for the rapid alert notification in Appendix 2 may be used, but the heading on the document should make clear that the notification relates to fraud or to a falsified product and sufficient information should be provided under "details of defect" to enable it to be identified. Notification should be sent to the entire contact list.

6. Follow-Up Action

Each Competent Authority should have a written procedure to describe follow-up action to a rapid alert notification. The Competent Authority of each Member State and MRA partner to which a recalled product was exported should monitor the conduct and effectiveness of any national recall that it initiates as a result of the rapid alert notification.

The relevant Supervisory Authority should investigate the circumstances that led to the distribution of the defective product and ensure that any necessary corrective action is taken by the manufacturer and marketing authorisation holder as appropriate.

The European Medicines Agency should co-ordinate follow-up action for recalls of centrally authorised products.

All follow-up actions transmitted through the Rapid Alert System should use the form for Follow-up and non-urgent messages for Quality Defects detailed in Appendix 3 to separate it from Rapid Alerts. It should have a reference number linking it to the original Rapid alert following the same format as described above.

7. Further Use of Rapid Alert Contact List

Although the contact list for rapid alert notifications shall be only used for the transmission of notification falling in the scope of this procedure and the GMP non-compliance procedure, in exceptional cases, if deemed relevant by the competent authority, the list may be used for the communication of other important and urgent information related to pharmaceutical products. These messages should clearly identify the subject and whether they are for information or action. For example, the European Medicines Agency disseminates urgent information from its scientific committees in this way.

8. Appendices

- 8.1 Appendix 1: Classification of Rapid Alerts
- 8.2 Appendix 2: Format for Rapid Alert Notification of a Quality Defect
- 8.3 Appendix 3: Format for Follow-up and non-urgent information for Quality Defects

Appendix 1

Rapid Alert System: Classification of Urgency of Defective Medicinal Product Alerts

CLASS I

Class I defects are potentially life threatening or could cause a serious risk to health. These must be notified through the Rapid Alert System in all cases.

Examples:

- Wrong product (label and contents are different products);
- Correct product but wrong strength, with serious medical consequences;
- Microbial contamination of sterile injectable or ophthalmic product;
- Chemical contamination with serious medical consequences;
- Mix-up of some products (rogues) with more than one container involved;
- Wrong active ingredient in a multi-component product, with serious medical consequences.

CLASS II

Class II defects could cause illness or mistreatment, but are not Class I. A rapid alert notification should be sent to all contacts of the rapid alert notification list as it might be difficult to know where a batch has been distributed. If the product distribution is known, the notification should be only sent to the contacts concerned.

Examples:

- Mislabelling, e.g. wrong or missing text or figures;
- Missing or incorrect information (leaflets or inserts);
- Microbial contamination of non-injectable, non-ophthalmic sterile product with medical consequences;
- Chemical/physical contamination (significant impurities, cross-contamination, particulates);
- Mix up of products in containers (rogues);
- Non-compliance with specification (e.g. assay, stability, fill/weight);
- Insecure closure with serious medical consequences (e.g. cytotoxics, child-resistant containers, potent products).

CLASS III

Class III defects may not pose a significant hazard to health, but withdrawal may have been initiated for other reasons. If deemed relevant by the issuing authority, the rapid alert system may be used.

Examples:

- Faulty packaging, e.g. wrong or missing batch number or expiry date;
- Faulty closure;
- Contamination, e.g. microbial spoilage, dirt or detritus, particulate matter.

Appendix 2

IMPORTANT – DELIVER IMMEDIATELY Rapid Alert Notification of a Quality Defect / Recall

		Reference Number
[add letter head of sender]		
1. To: (see list attached, if more than one)		
2. Product Recall Class of Defect: (circle one)		3. Falsification / Fraud (specify)*
4. Product:		5. Marketing Authorisation Number: * For use in humans/animals (delete as required)
6. Brand/Trade Name:		7. INN or Generic Name:
8. Dosage Form:		9. Strength:
10. Batch number (and bulk, if different):		11. Expiry Date:
12. Pack size and Presentation:		13. Date Manufactured: *
14. Marketing Authorisation Holder: *		
15. Manufacturer†: Contact Person: Telephone:		16. Recalling Firm (if different): Contact Person: Telephone:
17. Recall Number Assigned (if available)±		
18. Details of Defect/Reason for Recall:		
19. Information on distribution including exports (type of customer, e.g. hospitals): *		
20. Action taken by Issuing Authority:		
21. Proposed Action:		
22. From (Issuing Authority):		23. Contact Person: Telephone:
24. Signed:	25. Date:	26. Time: *

* Information not required, when notified from outside EU.

† The holder of an authorisation referred to under Article 40 of Directive 2001/83/EC or Article 44 of Directive 2001/82/EC and the holder of the authorisation on behalf of whom the Qualified Person has certified the batch for release in accordance with Article 51 of Directive 2001/83/EC or Article 55 of Directive 2001/82/EC if different.

This is intended only for the use of the party to whom it is addressed and may contain information that is privileged, confidential, and protected from disclosure under applicable law. If you are not the addressee, or a person authorized to deliver the document to the addressee, you are hereby notified that any review, disclosure, dissemination, copying, or other action based on the content of this communication is not authorized. If you have received this document in error, please notify us by telephone immediately and return it to us at the above address by mail. Thank you

Appendix 3

Follow-up and Non-urgent Information for Quality Defects

[add letter head of sender]		
1. To: (see list attached, if more than one)		
2. Recall Number Assigned:	2a. National reference number (When applicable)	
4. Product:	5. Marketing Authorisation number:	
6. Brand/Trade name:	7. INN or Generic Name:	
8. Dosage form:	9. Strength:	
10. Batch number (and bulk, if different):		
14. Marketing Authorisation holder:		
15. Manufacturer ¹ :	16. Contact Person:	
17. Subject title <i>Add bulk message here</i>		
22. From (issuing Authority):	23. Contact person:	
24. Signed:	25. Date:	26. Time:

¹ The holder of an authorisation to under Article 40 of Directive 2001/83/EC and Article 44 of Directive 2001/82/EC and the holder of the authorisation on behalf of whom the Qualified Person has certified the batch for release in accordance with Article 51 of Directive 2001/83/EC or Article 55 of Directive 2001/82/EC, if different



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Procedures Related to GMP Inspections

Conduct of Inspections of Pharmaceutical Manufacturers or Importers

Table of contents:

- Introduction
- General Considerations on Inspections
- Inspection Planning and Preparation
- Inspection Steps
- Final Meeting
- Inspection Report
- Inspection Frequency
- Quality Management of the Inspector's Activity
- Glossary of Terms

Title	Conduct of Inspections of Pharmaceutical Manufacturers or Importers
Date of adoption	January 2010
Date of entry into force	[Immediately after publication. Annex on Active Pharmaceutical Substances within six months of publication.]
Supersedes	Version adopted in 2006
Reason for revision	Annex on active substances/ active pharmaceutical ingredients added and main text updated in line with EU GMP Guide. A wording for the risk based approach to conducting inspections was added (Sections 3.1, 4.3, 7). Clarification concerning the scope and the application to inspections of importers
Notes	Original guideline December 1996. Annex on Investigational Medicinal Products adopted in October 2002 and entered into force in May 2004



Conduct of Inspections of Pharmaceutical Manufacturers or Importers

1. Introduction

In line with Articles 42 and 111 of Directive 2001/83/EC and Article 46 and 80 of Directive 2001/82 inspections are performed at manufacturers and importers of medicinal products and in line with 15 of Directive 2001/20/EC inspections are performed at manufacturers and importers of investigational medicinal products.

In addition, Article 111 of Directive 2001/83/EC and Article 80 of Directive 2001/82/EC include provisions for inspections of manufacturers and importers of active substances used as starting materials¹.

This procedure is intended.

The purpose of this document is to provide guidance on the conduct of inspections to harmonise inspection procedures, frequency of inspections and follow-up procedures thus ensuring a consistent approach to assessment and decision-making by Competent Authorities.

Chapters 2-9 of the main procedure are applicable to manufacturers, and where appropriate, to importers, of medicinal products, investigational medicinal products or active substances. The Annexes provide additional specific provisions:

Annex 1 includes specific provisions for product related inspections of manufacturers and importers of medicinal products;

Annex 2 includes specific provisions for inspections of manufacturers and importers of investigational medicinal products;

Annex 3 includes specific provisions for inspections of manufacturers and importers of active substances.

2. General Considerations on Inspections

- 2.1 The primary role of the inspector is the protection of public health in accordance with Community provisions.
- 2.2 The function of the inspector is to ensure adherence by manufacturers to GMP principles and guidelines including licensing provisions, marketing and manufacturing authorisations.
- 2.3 The primary goal for the inspector should be to determine whether the various elements within the quality assurance system are effective and suitable for achieving compliance with GMP principles. In addition the goal is to determine that medicinal products comply with their marketing authorisation.
- 2.4 Inspectors should strive to create a positive atmosphere during the inspection.

¹ Following Article 46a of Directive 2001/83/EC and Article 50a of Directive 2001/82/EC for the purposes of these Directives the manufacture of active substances used as starting materials includes, inter alia, the import of active substances.

- 2.5 An inspector should be aware of his influence in decision making processes. The inspector should answer questions but avoid entering the role of a consultant.
- 2.6 The task of an inspector is not limited to the disclosure of faults, deficiencies and discrepancies. An inspection should normally include educational and motivating elements.
- 2.7 The wide diversity of facilities (both in terms of physical layout and management structure) together with the variety of products and production processes as well as analytical methods means that judgement by inspectors on-site of the degree of compliance with GMP is essential.
- 2.8 A consistent approach to evaluation of the GMP standard of companies is essential.
- 2.9 Inspections may disturb the normal work patterns within a company. Therefore, inspectors should take care not to put the product at risk, and should carry out their work in a careful and planned way.
- 2.10 Inspectors will, while conducting the inspection, have access to confidential information and should handle it with integrity and great care.
- 2.11 Prior to the inspection the inspector may consult with experts in a particular field.

3. Inspection Planning and Preparation

- 3.1 The Competent Authority should plan the succession of inspections in advance and elaborate a programme. This programme should ensure that the frequency of inspection of individual manufacturers can be adhered to as planned. Sufficient resources must be determined and made available to ensure that the designated programme of inspections can be carried out in an appropriate manner. The planning of inspections should be performed according to the Community Procedure. "A model for risk based planning for inspections of pharmaceutical manufacturers".
- 3.2 Preparation of inspections: prior to conducting an inspection the inspector(s) should familiarise themselves with the company to be inspected.
- 3.3 This may include:
- assessment of a site master file;
 - a review of the products manufactured/imported by the company;
 - a review of the reports from previous inspections;
 - a review of the follow-up actions (if any) arising from previous inspections;
 - familiarisation with the relevant aspects of the manufacturing authorisation including variations;
 - a review of any variations to the manufacturing authorisation;
 - a review of product recalls initiated since the previous inspection;
 - an examination of relevant product defects notified since the previous inspection;
 - a review of the analysis of any samples analysed by an OMCL since the previous inspection;

- a review of any special standards or guidelines associated with the site to be inspected;
- a review of relevant parts of the marketing authorisation of one or more selected products to be examined during the inspection;
- a review of variations to marketing authorisations, applied for, granted and refused;
- a review of information available on regulatory databases (EudraGMP, FDA warning letters etc);
- a review of significant changes to equipment, processes and key personal;
- a review (or preparation) of aide-memoires for the specific inspection to be performed to avoid missing important aspects of GMP.

It is recommended that inspectors prepare an inspection plan which may include:

- the objectives and the scope of the inspection, in the light of previous inspections;
- identification of the people who are directly responsible for production and quality control / quality assurance. In cases where particular products and/or processes are to be inspected, the people directly responsible for these products and/or processes;
- identification of the inspection team members and their respective roles, if more than one inspector is going to conduct the inspection;
- the date and place, where the inspection is to be conducted;
- identification of the organisational units to be inspected;
- the expected time and duration for each major inspection activity (premises, processes etc.);
- samples (if any) to be taken;
- the schedule for the final meeting;
- the approximate schedule for the transmission of the inspection report.

4. Inspection Steps

- 4.1 Announcement of inspection: Competent Authorities have the right to inspect at any time (including during shift work). Prior announcement of inspection may be given. By informing in advance the day/days for the inspection to take place and the length of time the inspector expects to be at the premises, the objectives of the inspection will be known to the company and the relevant personnel and documentation can more easily be made available.
- 4.2 Opening Meeting: The inspector should normally meet the management and the key personnel of the company to introduce himself and any accompanying official(s) or specialist(s) and to discuss his inspection plan (of course subject to unannounced modifications).

During the opening meeting the inspector should:

- outline the purpose and scope of the inspection;
- review the management structure of the company (organization chart);

- identify some of the documentation which may be required during the inspection.

During the opening meeting, which normally should take no more than 30 minutes, the company should:

- describe the Quality Management System, when requested;
- explain significant changes in facilities, equipment, products and personnel since the last inspection;
- explain how deficiencies have been resolved if this information has not already been forwarded to the competent authority;
- designate the people to accompany the inspector during the inspection;
- allocate a room for the inspector when requested.

- 4.3 Inspection of the plant facilities: a rapid plant tour is often useful for familiarisation with the site and any major changes. Inspectors may follow the logical flow of the starting materials, goods inwards warehouse, through the production areas, quality control areas to the warehouse for released finished goods, taking into account the detailed guidelines of GMP. This could be followed by a detailed plant tour to determine whether the facilities and equipment are of suitable lay-out and design and whether the way in which they are used suits the intended operations. In some cases immediate inspection after arrival on site may be of value.

A risk based approach to conducting the inspection would be to look for signals during the a rapid plant tour or review of documents, which might indicate a problem with a product, process or system and the focus the inspection on these areas and as such keeping a flexible inspection plan. Likewise any identification of a high risk during the inspection could lead to a change in the inspection plan to go into more depth in the identified area.

Sometimes it is appropriate to concentrate effort in one department of the company if there are special problems or requirements, e.g. a department only producing sterile dosage forms or non sterile dosage forms. Relevant service areas should be included, e.g. water, steam and ventilation/dust extraction systems and engineering support.

During the inspection the inspector should always discuss observations as they arise with the key personnel, supervisors and operators in order to establish facts, indicate areas of concern and to assess the knowledge and competence of these personnel.

- 4.4 Review of documentation: the whole system of documentation, based on specifications, manufacturing formulae and processing and packaging instructions, procedures and records covering the different production, QC and distribution operations should be checked by examining particular examples both during use and after compilation into complete batch records.
- 4.5 A general GMP inspection will normally, in order to assess compliance with the terms and conditions of the manufacturing authorisation, include examination of the following:
- Conformity with good manufacturing practice;
 - Compliance with marketing authorisation;
 - Quality Management;

- Personnel;
 - Premises and equipment;
 - Documentation;
 - Production;
 - Quality control;
 - Contract manufacture and analysis;
 - Complaints and product recall;
 - Self-inspection.
- 4.6 Contract manufacture and analysis: operations contracted out and the responsibilities of the different parties should be clearly identified. The contract between the contract giver and the contract acceptor should be examined for compliance with the detailed guidelines of GMP.
- 4.7 Complaints and product recall: the system for recording and reviewing complaints as well as the system for recalling batches of medicinal products from within and outside the Member States should be examined during the inspection. Defect reports and recalls should be discussed.
- 4.8 Self-Inspection: the system for performing self-inspections in the company should be examined, although the reports themselves should not normally be read by the inspector.
- 4.9 A product-related inspection will normally, in order to assess compliance with the specifications of the marketing authorisation, include examination of the specific documentation relating to one or several completed batches of a specified product including:
- Standard operating procedures (SOPs);
 - Product quality review;
 - Manufacturing formulae, records and instructions;
 - Specifications, sampling and methods of analysis of components, starting materials, intermediates and finished products.
- 4.10 For active substances used as starting materials: a check should also be made to ensure that the manufacturing authorisation holder is complying with the requirements of Article 46 (f) of Directive 2001/83/EC and Article 50 (f) of Directive 2001/82/EC as amended and has systems and procedures in place to only use as starting materials active substances that have been manufactured in accordance with the detailed guidance on Good Manufacturing Practices for active substances used as starting materials.

5. Final Meeting

- 5.1 When the inspection has been completed, the inspector should summarise the findings in the final meeting with representatives of the company, normally the technical management including the key personnel and preferably some or all of the senior management, if these are different from the key personnel.

- 5.2 The final meeting is a significant part of the inspection. The deficiencies observed during the inspection should be discussed. Their importance should also be discussed so that deadlines for remedial actions may be fixed.
- 5.3 Facts and objective evidence supporting the observations should preferably be agreed by the company. The company may if they so wish discuss initial proposals for remedial action.
- 5.4 As far as possible all relevant observations should be reported at this meeting so that the company can initiate the necessary corrective actions at the earliest possible date.
- 5.5 In case of serious deficiencies leading to possible serious risk for the patients, immediate action should be taken by the inspector.

6. Inspection Report

- 6.1 Inspection reports should be based on notes taken during the inspection. These notes should be clear and legible.
- 6.2 The inspection report should give a short description of the company and its activities, a description of the inspection itself and the inspector's findings, observations and deficiencies.
- 6.3 The report should be in line with the Community format of the GMP inspection report.
- 6.4 The contents of the initial inspection report should be sent to the company for its comments to enable the report to be finalised within the relevant timeframe of the inspection request and to enable, if applicable, the issue of a GMP certificate within the statutory 90-day timeframe.

7. Inspection Frequency

The frequency of inspections may be based on the Community procedure "A model for risk based planning for inspections of pharmaceutical manufacturers".

8. Quality Management of the Inspector's Activity

- 8.1 Most inspectors work alone or, at most, in pairs. The possibility of a specialist participating in the inspection should be taken into consideration. There should be a system to monitor and control the inspector's performance in order to ensure a correct and consistent approach on different occasions and between different inspectors. Monitoring should be planned to assess at least:
 - the extent and depth of the inspection;
 - the ability to recognise deficiencies;
 - the assessment of the seriousness of deficiencies;
 - the action recommended;
 - the effectiveness with which the determined action is carried out.
- 8.2 This quality system should include periodic joint visits with senior or specialist inspectors, and follow-up of recommendations and subsequent action.

9. Glossary of Terms

The definition of terms in the detailed guidelines published in Good Manufacturing Practice for Medicinal Products in the European Community, Volume 4 are applicable to this document. In addition, the following apply:

Inspection: On-site assessment of the compliance with the Community GMP principles performed by officials of Community Competent Authorities.

General GMP inspections (also termed regular, periodic, planned or routine) should be carried out before the authorisation referred to in Article 40 of Directive 2001/83/EC and Article 44 of Directive 2001/82/EC respectively, is granted and periodically afterwards as required to assess compliance with the terms and conditions of the manufacturing authorisation. This kind of inspection may also be necessary for a significant variation of the manufacturing authorisation and if there is a history of non-compliance. This includes follow up inspections to monitor the corrective actions required following the previous inspection.

On-site assessment of quality control laboratories is normally part of a GMP inspection.

Product or process related inspections (also termed pre-authorisation, pre-marketing, special, problem orientated) focus on the compliance of the manufacturer to the terms and conditions of the marketing authorisation and on the manufacture and documentation related to the product. It is also indicated when complaints and product recalls may concern one product or group of products or processing procedures (e.g. sterilisation, labelling, etc).

Contract QC laboratories are according to Article 20(b) of Directive 2001/83/EC or Article 24(b) of Directive 2001/82/EC or Article 13.1 of Directive 2001/20/EC subject to these inspections.

Inspection report: Report prepared by the official representing the Competent Authority stating whether the company inspected in general complies with the requirements of Directive(s) 2003/94/EC and/or 91/412/EEC and whether the manufacturer is acceptable for the products in question. The Community report format applies.

ANNEX 1

CONDUCT OF PRODUCT RELATED INSPECTIONS

Introduction

The purpose of this annex is to outline the extent to which the inspector may become involved in:

- (a) the pre-marketing assessment of an application for a marketing authorisation and
- (b) the assessment of compliance with the terms and conditions of a marketing authorisation granted in the European Community and in connection with Art. 58 of EC/726/2004.

The role of inspectors in the pre-marketing assessment of an application for a marketing authorisation

Verification of authorisations:

There should be a systematic procedure whereby the person responsible for assessment of an application consults the inspectorate. The extent of such consultation will depend upon the nature of the product, the manufacturing and control operations involved and on the quality of the application.

Consultation should include the following:

- 1 Verification that the proposed manufacturer holds the appropriate manufacturing authorisations for the product concerned (Article 40 of Directive 2001/83/EC and Article 44 of Directive 2001/82/EC).
- 2 Verification that the appropriate authorisation is held where third country importation is proposed (Article 40 of Directive 2001/83/EC and Article 44 of Directive 2001/82/EC).
- 3 Verification that any Quality Control laboratory has been inspected and approved (Article 20(b) of Directive 2001/83/EC or Article 24(b) of Directive 2001/82/EC), including third country inspections.

The role of inspectors in assessing compliance with marketing authorisations

The inspector carries out an inspection of a manufacturer in order to assess the latter's compliance with GMP. GMP includes ensuring that all manufacturing operations are in accordance with the relevant marketing authorisation (Art. 5 of Directive 2003/94/EC and 91/412/EEC). The inspector is also in a position to verify that the details relating to the manufacture and control of a product which were provided in the marketing authorisation application for that product, as modified and/or agreed during the assessment, are being adhered to in the manufacture of batches of that product for sale.

In certain circumstances, for example in relation to biological, biotechnological and other high technology products, it may be appropriate for the inspector to be accompanied by a relevant assessor. Alternatively, the inspector can be accompanied by the competent authority's expert on the particular type of product or by an independent expert nominated by the competent authority.

The inspector should have all relevant sections from the marketing authorisation application to hand during the inspection for ready reference. This would be considerably facilitated by having an up to date summary of these sections readily available to the inspector.

Carrying out the inspection

Adherence to chemistry and pharmacy data supplied and approved in the marketing authorisation application.

The inspection should seek to verify, by means of examination of all relevant facilities, equipment and documents, that the information provided in the marketing authorisation application is being strictly adhered to. This examination might include:

- (a) composition of the medicinal product;
- (b) container;
- (c) manufacturing formula;
- (d) manufacturing process including in-process controls;
- (e) source and nature of active ingredients;
- (f) other ingredients;
- (g) packaging materials;
- (h) control tests on intermediate products;
- (i) control tests on the finished product;
- (j) labelling;
- (k) any other data requested by assessors, including ongoing stability investigations.

In addition to this verification the following specific points should also be borne in mind:

Samples

Consideration should be given to taking the following samples:

- (a) active ingredient (if material from more than one source is available, take a sample of each);
- (b) excipients (samples may be taken of non-pharmacopoeial and unusual materials);
- (c) finished product (sufficient to carry out full duplicate analysis and to meet the legal provisions of the Member State);
- (d) label;
- (e) printed carton;
- (f) data sheet.

If finished product samples are to be taken directly from the market, the company should deliver relevant samples of:

- (a) active ingredients, and;
- (b) excipients to the competent authority upon request;
- (c) any other samples requested by assessors.

All samples should be submitted for testing/review and, if indicated by the results, necessary follow up action should be taken.

Copies of documents

If necessary, copies of the finished product specification and method of analysis should be taken relating to the samples taken (if any) during the inspection.

If necessary, copies of the batch manufacturing document and of the finished product specification **and method of analysis should be delivered to the competent authority upon request.**

Compilation of Community Procedures on Inspections and Exchange of Information

Complaints

Review any complaints relating to the product.

Amendments and variations

Following the granting of a marketing authorisation, the holder of a marketing authorisation may subsequently apply for amendments and variations to the original information to be approved by the competent authority.

Where such amendments and variations have been approved by the competent authority, the inspector should check that any master document to which an amendment or variation related, was altered to include the amendment or variation shortly after this was approved by the competent authority.

Review of documentation relating to the product

This should be carried out as set out in Section 12 of the main guideline. Documentation for a number of batches should be reviewed.

Section 6.9. of the Rules Governing Medicinal Products in the European Community, Volume 4, recommends that trend evaluation of analytical test results be carried out. If this has been done the evaluation should be reviewed.

ANNEX 2

CONDUCT OF INSPECTIONS FOR INVESTIGATIONAL MEDICINAL PRODUCTS FOR HUMAN USE

Introduction

The purpose of this document is to define specific provisions for inspections of manufacturers of investigational medicinal products.

Scope

This guideline applies to the inspection of manufacturers, importers or analytical laboratories authorised in accordance with Article 13.1 of Directive 2001/20/EC by the competent authority of the Member State concerned. It also applies to inspections of manufacturers based in third countries where these are inspected in accordance with Article 15.4 of Directive 2001/20/EC. In both cases the inspection is carried out on behalf of the European Community and the outcome is recognised by all Member States.

Article 15.1 of Directive 2001/20/EC additionally refers to inspections carried out at other locations connected with any clinical trial and in some cases there will be overlap between Good Manufacturing and Good Clinical Practice. Examples include: release of investigational medicinal products, the generation of emergency code break systems in blinded clinical trials, preparation of investigational products at investigational sites including labelling, complaints, adverse events and recalls. Member States, particularly those that maintain separate inspectorates for these Good Practices, should ensure that overlap areas are identified, responsibilities understood and inspections performed by Inspectors with appropriate qualifications and training.

An inspection may be more product- or process- related when it focuses on the adherence by the manufacturer to the dossier of an investigational medicinal product submitted to the Competent Authority in order to obtain authorisation to conduct a clinical trial pursuant to Article 9.2 of Directive 2001/20/EC and on the manufacture and documentation related to the product or to a specific manufacturing process.

THIS ANNEX SHOULD BE READ IN CONJUNCTION WITH THE MAIN PROCEDURE. THE ANNEX PROVIDES ADDITIONAL INFORMATION ONLY.

General Obligations

Member States

Member States should establish the legal and administrative framework within which Inspections relating to clinical trials including Good Manufacturing Practice (GMP) inspections as applied to investigational medicinal products operate.

Inspectors should be issued with an official means of identification, which includes reference to powers of entry, access to data and the collection of samples and documents for the purpose of inspection.

Member States should ensure that there are sufficient resources at all levels to effectively verify compliance with GMP for investigational medicinal products and that inspectors are competent and trained in order to carry out their tasks as referred to in the detailed guidelines for qualifications of GMP inspectors engaged in verifying GMP Compliance for Investigational Medicinal Products.

Inspectorates should adopt quality systems to ensure consistency of approach to inspection and evaluation of findings. Within the quality system inspectorates should develop detailed procedures in line with this guideline to suit national requirements and practices but consistent with procedures agreed at Community level such as report formats for the exchange of information.

General Considerations on Inspections of Investigational Medicinal Products

The primary goal for the inspector should be to determine whether the various elements within the quality assurance system are effective and suitable for achieving compliance with GMP principles. In addition, determining whether the investigational medicinal products comply with the dossiers submitted to the Competent Authority in order to obtain authorisation to conduct a clinical trial pursuant to Article 9.2 of Directive 2001/20/EC.

Product- or process-related inspections (also termed special or problem oriented) may be indicated to assess the adherence of the manufacturer to the investigational medicinal product dossier and the way the batch documentation is kept. It is also indicated when complaints, recalls or adverse event patterns may concern one product or group of products or processing procedures (e.g. sterilisation, labelling, etc). These inspections may be triggered by an Assessor raising questions during the evaluation of an application for authorisation to conduct a clinical trial or marketing authorisation. They may also arise from questions raised during a GCP inspection.

Inspection Procedures

Preparation of inspections: prior to conducting an inspection the inspector(s) should familiarise themselves with the organisation to be inspected.

This may include:

- Review of relevant parts of the investigational medicinal product dossier of one or more selected products to be examined during the inspection, including the History file
- For triggered inspections, a review of the questions raised by the Assessor or GCP Inspector (arising from a GCP inspection).

Review of documentation:

The system of documentation, based on the Product Specification Files, procedures and records covering the different production, QC and distribution operations should be checked by examining particular examples both during use and after compilation into complete batch records. Change control and the traceability of changes should be examined.

A general GMP-orientated inspection will normally, in order to assess compliance with the terms and conditions of the manufacturing authorisation, include examination of the documentation relating to:

- Product Specification Files;
- Two-step batch release procedure and the role of the QP(s) including the assessment of products imported from third countries.

A product-related inspection will normally, in order to assess compliance with the terms and conditions of the investigational medicinal product dossier, include examination of the specific documentation relating to one or several completed batches of a specified product including:

- standard operating procedures ('OP's);
- the Product Specification File.

Complaints and product recall

The system for recording and reviewing complaints, interactions with the clinical research personnel as well as the system for recalling batches of investigational medicinal products from within and outside the Member States should be examined during the inspection. The system for retrieving recall information on comparator products should also be included.

The complaints file should be examined. Defect Reports and recalls should be discussed.

Final Meeting

In case of serious deficiencies leading to possible serious risk for trial subjects, the inspector should take immediate action.

ANNEX 3

ON CONDUCT OF INSPECTIONS OF ACTIVE SUBSTANCE MANUFACTURERS

Introduction

The purpose of this document is to provide guidance on the conduct of inspection of a manufacturer of active substances as referred to in Article 111 of Directive 2001/83/EC and Article 80 of Directive 2001/82/EC in order to harmonise inspection procedures, frequency of inspections and follow-up procedures thus ensuring a consistent approach to assessment and decision-making by Competent Authorities.

Scope

This guideline applies to the inspection of active substance manufacturers as defined in Article 46 of Directive 2001/83/EC and Article 50 of Directive 2001/82/EC.

THIS ANNEX SHOULD BE READ IN CONJUNCTION WITH THE MAIN PROCEDURE. THE ANNEX PROVIDES ADDITIONAL INFORMATION ONLY.

General Obligations

Member States

Member states should establish the legal and administrative framework within which inspections relating to Good Manufacturing Practice (GMP) inspections as applied to active substances operate.

Inspectors should be issued with an official means of identification, which includes reference to powers of entry, access to data and the collection of samples and documents for the purpose of inspection.

Member states should ensure that there are sufficient resources at all levels to effectively verify compliance with GMP for active substances and that inspectors are competent and trained in order to carry out their tasks.

Inspectorates should adopt quality systems to ensure consistency of approach to inspection and evaluation of findings. Within the quality system inspectorates should develop detailed procedures in line with this guideline to suit national requirements and practices but consistent with procedures agreed at Community level such as report formats for the exchange of information.

General Considerations on Inspections of Active Substances

The primary goal for the inspector should be to determine whether the various elements within the quality assurance system are effective and suitable for achieving compliance with GMP principles and pharmacopial requirements. In addition, when the inspection has been requested, for example, by the EDQM for the purpose of verifying whether the data submitted in order to obtain a conformity certificate comply with the monographs of the European Pharmacopoeia, this must also be assessed.

Manufacture of active substances is defined in Article 46 of Directive 2001/83/EC and Article 50 of Directive 2001/82/EC as including both:

- total and partial manufacture or import of an active substance used as a starting material;
- and the various processes of dividing up, packaging or presentation prior to its incorporation into a medicinal product, including repackaging or re-labelling, such as are carried out by a distributor of starting materials.

Inspections will therefore be performed of sites producing active substances and also those where active substances are being imported, repackaged or relabelled.

However the scope of the guidance given in Volume 4, EU Guidelines to Good manufacturing Practice, Medicinal Products for Human and Veterinary Use Part II, Basic Requirements for Active Substances used as Starting Materials should be noted as these apply to the manufacture of active substances for medicinal products for both human and veterinary use, but only apply to the manufacture of sterile active substances up to the point immediately prior to the active substance being rendered sterile. The sterilisation and aseptic processing of sterile active substances are not covered, but should be performed in accordance with the principles and guidelines of GMP as laid down in Directive 2003/94/EC and interpreted in the GMP Guide including its Annex 1.

Whole blood and plasma are excluded, as Directive 2002/98/EC and the technical requirements supporting that directive lay down the detailed requirements for the collection and testing of blood, however, active substances that are produced using blood or plasma as raw materials are included.

In the case of ectoparasiticides for veterinary use, other standards than the guidelines, that ensure that the material is of appropriate quality, may be used.

It should also be noted that Section 19 of the guidance covers the manufacture of new active substances used in the production of investigational medicinal products and although recommended its application in this case, is not required by Community legislation.

Inspection Procedures

Preparation of inspections: prior to conducting an inspection the inspector(s) should familiarise themselves with the organisation to be inspected.

This may include:

- Review of relevant parts of the active substance drug master file in addition to the items outlined in the main procedure or CTD for one or more selected products to be examined during the inspection;
- For triggered inspections, a review of the questions raised by the assessor or GMP inspector (arising from a GMP inspection of a manufacturing authorisation holder);
- Site Master File or other equivalent document.

Review of documentation:

An inspection will normally include examination of the documentation for one or several completed batches of a specified product relating to:

- job descriptions and training of staff;
- standard operating procedures (SOPs);
- qualification reports;
- validation reports;
- manufacturing formulae, records and instructions;
- reprocessing, reworking and solvent recovery SOPs;
- specifications, sampling and methods of analysis of components, starting materials, intermediates and finished products;
- product quality review;

- batch release;
- complaints;
- recalls.

For sites that are importing, repackaging and labelling active substances some of the above will not apply. Sites at which these activities are being performed should be assessed for compliance with the relevant sections of Part 2 of the GMP Guide including the requirements set out in chapter 17.

Inspection Frequency

Following Article 111 of Directive 2001/83/EC and Article 80 of 2001/82/EC a competent authorities should perform an inspections of active substance manufacturers whenever it considers that there are grounds for suspecting non-compliance with the principles and guidelines of GMP. The European Directorate for the Quality of Medicines and HealthCare (EDQM) may request an inspection of the starting material manufacturer for the verification whether the data submitted in order to obtain a conformity certificate complies with the monographs of the European Pharmacopoeia. In line with these legal provisions the *Guidance on the occasions when it is appropriate for Competent Authorities to conduct inspections at the premises of Manufacturers of Active Substances used as starting materials* details triggers for inspections. These principles do not imply a systematic approach for inspections of all active substance manufacturers.



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Procedures Related to GMP Inspections

Outline of a Procedure for Co-ordinating the Verification of the GMP Status of Manufacturers in Third Countries

Table of contents:

- Verification of the GMP Compliance Status of Third Country Manufacturers of Medicinal and Investigational Medicinal Products
- Exchange of Information on Third Country Manufacturers
- Organisation and Records of Inspections and Composition of Inspection Teams
- Communication between the “Supervisory Authority” and Industry
- The “Supervisory Authorities”
- Re-inspection Frequency
- Disagreement between Member States on acceptability of Inspection Reports
- Annex

Title	Outline of a Procedure for Co-ordinating the Verification of the GMP Status of Manufacturers in Third Countries
Date of adoption	December 2004
Date of entry into force	1 July 2005
Supersedes	Version published 1997
Reason for revision	Reinforcing responsibilities for inspection and includes reference to investigational medicinal products. Provision is made for “Distant Assessment” in exceptional circumstances
Notes	N/A



Outline of a Procedure for Co-ordinating the Verification of the GMP Status of Manufacturers in Third Countries

1. Verification of the GMP Compliance Status of Third Country Manufacturers of Medicinal and Investigational Medicinal Products.

- 1.1 The Supervisory Member State for the manufacturing authorisation holder who is responsible for importation of a product should verify the GMP compliance status of any third country manufacturer(s) mentioned in an application in accordance with their own policies and procedures. This may be based on the following:
 - 1.1.1 A report of an inspection for the product or product category concerned carried out by the Supervisory Member State, or
 - 1.1.2 Information supplied by another EEA Competent Authority in accordance with the exchange of information procedure contained in the Compilation of Community Procedures,
Or
 - 1.1.3 A report of an inspection for the product or product category concerned carried out by another EEA competent authority,
Or
 - 1.1.4 Either an inspection report or a statement of GMP compliance obtained under an operational Mutual Recognition Agreement between the European Community and the Competent Authorities of the third country in which the manufacturer is located.
- 1.2 Where the Supervisory Member State is unable to verify the GMP status of any third country manufacturer(s) on the above basis it may request another EEA Competent Authority to carry out an inspection and to provide confirmation of the manufacturer's GMP compliance status. For centralised products this arrangement should be subject to obtaining the written consent of any other Supervisory Member States involved.
- 1.3 The means of verification will normally be through inspection-based information as described above, however other information may be used as part of, or in exceptional cases, as the primary means for verification. For example:
 - 1.3.1 Under the provisions of the existing MRAs, information from MRA partners is only accepted in connection with inspections performed in their own territories, however, the use of other information from MRA partners, PIC/S participating authorities and/or other authorities may nevertheless provide supporting evidence in the verification of the GMP status of a manufacturing site. The Supervisory Authority should perform a risk assessment on each occasion to determine an appropriate degree of evidence that a 3rd country manufacturer operates to an equivalent level of GMP.

- 1.3.2 Where an inspection has been performed by a Member State or MRA partner but does not cover the dosage form in question. Compliance conclusions from inspection reports relating to a different dosage form may, with justification, be extended to other dose forms, if necessary requesting the report if it belongs to another Member State authority. In addition the elements below should be considered, together with, if considered necessary, elements of the distant assessment approach described in section (c). Reports concerning non-sterile dosage forms alone do not provide sufficient evidence to extend any GMP conclusions to sterile products:
- Inspection reports of the importer. If necessary a special inspection may be needed of the importer to assess measures undertaken by the importer to verify GMP compliance at the exporting site for the dosage form in question, such as audit reports from the QP;
 - A site master file for the manufacturing site. If necessary written questions arising from a review of this may need to be raised and the responses reviewed;
 - The inspection history of the manufacturing site performed by other authorities. The existence of warning letters or other regulatory action by third country authorities should be ascertained;
 - The history of reported defects for batches of all products originating at the manufacturing site.

Subject to the information reviewed, it may be concluded not to conduct a pre-authorisation inspection but verification in accordance with point 1.1 above should be sought within 3 years.

- 1.3.3 A similar approach can be taken where inspections cannot be carried out because of unacceptable risks to EEA inspectors. The procedure for "distant assessment" is limited to inspection^s in 3rd countries that present an enhanced physical threat to the inspector (for political reasons, health reasons or others) and where the enhanced level of instability is expected to be transient. The procedure should not be used where the reporting authority has reason to believe that the instability could directly affect the quality of the product(s) under consideration.

A distant assessment may be performed based on a documented interview with the manufacturer that should be deep enough to evaluate the GMP compliance of the relevant manufacturing site.

This documented interview (taking place in the inspecting authority's country) should be carried out with nominated staff possessing an appropriately high level of knowledge of the process and facilities.

The table in the annex provides for two levels of assessment. A full assessment where the site which has been inspected more than 5 years ago by an EEA authority, and a reduced one for a site which has been inspected within 3 and 5 years ago by the same EEA Authority. If the last inspection was performed by another authority, the full assessment should be applied.

A distant assessment should not be carried out where the manufacturing site has never been inspected, by an EEA inspectorate, nor for a sterile manufacturing process or any unusually complex non-sterile process, nor should it replace inspection more than once.

1.4 Investigational Medicinal Products

For investigational medicinal products, inspections should be reserved for higher risk situations rather than being routinely employed. The risk assessments should take the elements described in 1.above into account along with the following:

- the dosage form;
- type of product (e.g. placebo, marketed comparator, new technology);
- numbers of subjects involved and their clinical disposition;
- duration of treatment;
- number of clinical trials sourcing from the same site;
- whether the manufacturer is in possession of the equivalent of a valid manufacturing authorisation issued by its local regulatory authority and is subject to inspections;
- whether the analytical testing performed in the third country is subject to appropriate authorisation.

2. Exchange of Information on Third Country Manufacturers.

- 2.1 When exchanging information on third country manufacturing sites, the reporting authority should indicate whether the conclusions reached are derived from an inspection by an EEA inspectorate or MRA partner under the terms of an MRA, or whether alternative means were used such as those described in section 1.3.
- 2.2 On the basis of a "reasoned request" from the competent authorities of another Member State or from the EMEA the Supervisory Member State should provide a report of the most recent verification of the GMP status of a third country manufacturer for a particular product or product category.
- 2.3 Where the Member State requested to supply the information is unable to do so the requesting authorities may carry out a GMP inspection of the third country manufacturer, in which case they will provide the other authorities with shared supervisory responsibility with a copy of their inspection report or a statement of GMP compliance.

3. Organisation and Records of Inspections and Composition of Inspection Teams.

- 3.1 The EMEA will maintain a plan of third country inspections connected with centralised products and will make this available on a regular basis.
- 3.2 Through the database on GMP certificates to be established in accordance with Article 111.6 of Directive 2004/27 (Art. 80.6 of Directive 2004/28), the EMEA will maintain a record of all inspections that have been carried out by the competent authorities of the EU/EEA, which will be available to all member states.

- 3.3 The competent authorities planning inspections of manufacturers in third countries may invite the participation of the other Member States who have shared “Supervisory” responsibilities for the product(s). This should take into account planned applications for marketing authorisations, problems encountered with the products from the manufacturer, their workloads, their experience in the type of inspections required, language capability for the inspection and overall economics of travel etc.

4. Communication Between the “Supervisory Authority” and Industry

Member States should encourage potential applicants to make early contact with the inspectorate of the supervisory authority when planning a marketing authorisation submission or variation which includes a third country manufacturing site, in order to discuss the applicant’s knowledge of the GMP status of the site, its inspection history and inspection-readiness. Ideally this should be at least 3 months before submission and is particularly important for investigational medicinal products given the short timelines available to authorise trials.

5. The “Supervisory Authorities”

- 5.1 The “Supervisory Authorities” for a medicinal product and their responsibilities are defined for products for human use in Article 18 and 19 of Council Regulation (EC) No 726/2004 and for products for veterinary use in Articles 43 and 44 of the same Regulation. They are the Competent Authorities which have granted the manufacturing authorisation either for the manufacturing site if it is in the EU or for the importer if the product is manufactured in a third country.

6. Re-inspection Frequency

- 6.1 In general authorities with supervisory responsibility for a third country manufacturing site should ensure that it is re-inspected by an EEA authority or MRA partner authority, under the terms of an MRA, between every two to three years.
- 6.2 Where inspection reports and information exchange based on inspections conducted more than three years ago are available, as there is evidence of acceptable GMP standards, it should not be necessary to withhold any application or variation pending the results of a new inspection unless information is available from other sources suggesting that this status may have changed. Steps should nevertheless be taken to obtain an updated report.
- 6.3 Inspection reports, and information exchange based on inspections or distant assessments conducted more than five years ago, from whatever source, should not normally be taken into consideration.

7. Disagreement between Member States on acceptability of Inspection Reports

- 7.1 Where the Supervisory Member State and the competent authorities of another Member State are unable to agree on the acceptability of an inspection report for a manufacturer in a third country they should utilise the arrangements described for human products in Article 19 of Regulation (EC) 726/2004 or where appropriate the arbitration procedure provided by Article 29 of Directive 2001/83/EC and for veterinary products Article 44 of Regulation (EC) 726/2004 or where appropriate the arbitration procedure provided by Article 33 of Directive 2001/82/EC.

8. Annex

SCHEME FOR DISTANT ASSESSMENT OF MANUFACTURING SITES

Requirements / Rationale	Last EEA inspection more than 5 years ago	Last EEA inspection carried out between 3 and 5 years ago
Presentation of GMP and Regulatory Enforcement system for the country	Complete presentation of the regulatory system and full copy of the local GMP guide	Brief presentation of changes being effected since the last inspection
Copy of the manufacturing authorisation granted by local authorities together with a certified translation	Complete set of copies of all original/modified manufacturing authorization	Copy of any new/modified manufacturing authorization granted since the last inspection
SMF (site master file) documentation similar to the PIC/S guideline	SMF completed/ updated within 6 month from the assessment date And forecasted modifications	SMF updated with one year from the assessment date And forecasted modifications
Plans attached to SMF PI&D attached to SMF	Coloured printouts of Water treatment, Air Handling PI & Ds in A3 or A2 format	Coloured updated printouts may be acceptable in A3 or A2 format
List of all the products (medicinal or either) manufactured on site	The list should include proprietary names and INN	The list may include proprietary names and INN
Copy of the last inspection report with a certified translated copy if relevant <i>GMP certificates coming from these inspections</i>	Local authority report aged less than two years and, if available, copy of PIC/S or WHO or FDA report(s)	Last local authority report and last EU full report. PIC/S and WHO or FDA report(s) if aged less than 5 years
Photographic presentation of manufacturing site and utilities (outdoor/indoor)	External general view (aerial) Detailed rooms views of any step carried out (sample, weighing....)	Photographic presentation of any new room(s) of equipment not used at the time of inspection
Qualification Master Plan (premises & equipment)	List of premises, equipment and utilities used in the manufacturing with their qualification status	List of all re-qualifications exercises carried out since the last inspection
Validation Master Plan (Manufacturing processes, cleaning, quality control)	List of processes used for the manufacturing / control of the product and their Val. status	List of all re-validations runs carried out since the last inspection
Full audit report of corporate / external audit dedicated to the product(s)	The report should include the product flow chart and should be one year old as a maximum	The report may be aged less than 5 years and accompanied with a recent follow-up internal report
Batch record(s) of the product(s) of interest	Last filled in batch record together the master batch record including the analytical part	Last filled in batch record including the analytical part
Complaints handling	Updated list of complaints for all products manufactured on site	Updated list of complaints of the concerned products

Requirements / Rationale	Last EEA inspection more than 5 years ago	Last EEA inspection carried out between 3 and 5 years ago
Others *	Number of rejected batches for all products Number of rejected batches for the concerned product	Number of rejected batches for all products Number of rejected batches for the concerned product
Others (concerning the concerned product / dosage form)	Out of specification procedures On going stability studies All OOs results and investigations* All process deviation reports (including reworked and reprocessed batches)* All quality deviation reports*	Out of specification procedures On going stability studies All OOs results and investigations* All process deviation reports (including reworked and reprocessed batches)* All quality deviation reports*
Others	Q.P certification that site has been fully audited against EU GMP in the last 2 years and all deficiencies have been rectified	Q.P certification that site has been fully audited against EU GMP in the last 2 years and all deficiencies have been rectified
Others	All Q.C results for batches imported and tested in the member state.	All Q.C results for batches imported and tested in the member state.
According to EU draft	Product Quality Review	Product Quality Review
Manufacturing Contract between manufacturing site and European applicant	Original contract and revision if applicable	Original contract and revision if applicable

*data to be provided over a period of the last 3 years



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Procedures Related to GMP Inspections

Guideline on Training and Qualifications of GMP Inspectors

Table of contents:

- Introduction
- Scope
- Background
- Qualification and Training
- Maintenance of Competence
- Harmonisation within EU

Title	Guideline on Training and Qualifications of GMP Inspectors
Date of adoption	June 2008
Date of entry into force	By 31 December 2008
Supersedes	Version published October 2002
Reason for revision	Updating
Notes	



Guideline on Training and Qualifications of GMP Inspectors

1. Introduction

Taking into account its importance for the management of inspection services, this guideline establishes requirements concerning experience, training and qualifications of GMP inspectors.

Objectivity, professional integrity, competence in technical matters and inspection skills should be the main features of inspectors.

Inspectors should be very well trained in all the relevant topics concerning Quality Assurance management, manufacturing processes, control and distribution of medicinal products (including investigational medicinal product in the light of requirements of directive 2001/20/EC) and in the way of conducting an inspection (inspection methodology).

The guideline provides information on minimal requirements. Member States may decide to add supplementary national requirements.

2. Scope

This guideline applies to the training and qualifications required for an inspector who shall conduct an inspection to verify compliance with GMP for the competent authority of the Member State concerned. Inspections are carried out on behalf of the Community and the results shall be recognised by all the other Member States.

3. Background

3.1 General aspects

Member States should appoint inspectors to inspect the manufacturing sites according to Directive 2001/83/EC, Directive 2001/82/EC and Directive 2001/20/EC. There should be sufficient resources at all levels to meet, effectively and efficiently, the EU requirements of verifying compliance with GMP of medicinal products.

The inspectors shall be officials of, or appointed by, the competent authorities of the Member States in accordance with national regulations and follow the provisions for the national competent authority.

All inspectors should be competent to carry out their assigned duties and receive appropriate training. When needed, teams of inspectors may be nominated comprising inspectors with appropriate qualifications and experience to collectively fulfil the requirements necessary for conducting the inspection.

The inspectors should be made aware, of and maintain confidentiality whenever they gain access to confidential information as a result of GMP inspections according to applicable national laws, European requirements or international agreements.

There should be sufficient resource to ensure availability of competent inspectors to work according to contracts between EMEA and the competent authority in the case of inspections requested by the CHMP or CVMP.

The training needs of inspectors should regularly be assessed within the requirements of the applicable quality system of the Competent Authority/Inspectorate and appropriate actions taken by the competent authority to maintain and improve inspection skills.

Information on the relevant experience, training and qualifications of the individual inspector must be documented and maintained by the competent authority. These records should be kept up-to-date.

3.1 Personal qualities

The inter-personal skills of an inspector are important in helping to achieve the objectives of inspections.

During an inspection the inspector should help in creating an open atmosphere. Inspectors need to remain objective during the inspection and in this context should answer questions or provide clarification but avoid entering into the role of a consultant.

The inspector should have a high level of personal integrity, maturity, be open-minded, understanding of complexity, possess sound judgement, assertiveness, analytical skills and tenacity and have the ability to perceive situations in a realistic way.

The inspector should have demonstrated competence in clearly and fluently expressing concepts and ideas orally and in writing in their officially recognised language.

4. Qualification and Training

4.1 Qualification

Inspectors should preferably have the same level of qualification as the "Qualified Person" as defined in Art. 48 of Directive 2001/83/EC, in Art. 52 of the Directive 2001/82/EC and therefore be eligible as a Qualified Person.

The inspector should have knowledge of the national legislation as well as systems, both at national and at Community level, for applications for marketing and control of medicinal products.

4.2 Training

The inspectors should have undergone training to the extent necessary to ensure their competence in the skills required for planning, carrying out and reporting inspections.

The training and experience should be documented individually and evaluated within the requirements of the applicable quality system of the Competent Authority/ Inspectorate.

4.2.1 Basic training

Moreover, in order to be appointed as GMP inspectors, the candidates should demonstrate their knowledge of the relevant matters in the pharmaceutical field, including:

- Community and national pharmaceutical legislation;
- Good Manufacturing Practice and Good Distribution Practice;

- Principles of quality assurance and quality management systems (ISO 9000:2000);
- Technical aspects of pharmaceutical and API manufacturing (e.g. pharmaceutical technology, process and ventilation engineering, validation, computerized systems, analytical instrumentation, microbiology);
- Organization and quality systems of the Competent Authority/Inspectorate and training in working according to relevant national and Community SOPs and procedures related to inspections;
- Marketing and manufacturing authorisation systems and their relationship;
- Interrelation of licensing, inspection, sampling and analysis;
- Knowledge of MRA and other relevant Community arrangements;
- Structure and principles of operation of commercial organizations;
- Inspection technique, acquired by attending relevant course(s) and or/by accompanying and/or guided by qualified GMP inspectors during inspection;
- Administration procedures required for managing an inspection, such as planning, organizing, communicating or providing feedback to the inspectee;
- Evaluation of findings and reporting;
- Pharmaceutical Development, Quality Risk Management and Pharmaceutical Quality System (incl. ICH Q8, Q9, Q10 as implemented in the relevant EU guidelines);
- International organisations their activities and documents (EDQM, ICH, PIC/S, WHO).

It is recognised that there are acceptable methods, other than those described in the Guide, which are capable of achieving the Quality Assurance principles of Good Manufacturing Practice. An inspector should be open and able to assess whether alternative methods and procedures meet these principles taking into account the principles of Quality Risk Management.

4.2.2 Further training

After recruitment and in addition to their basic training, new inspectors should be trained by senior inspectors. The theory of inspection should be explained and the practice should be shown in the field, so that concrete examples of the meaning and of the goals of inspections are given and can be discussed. New inspectors should participate, but only as observers, in on the spot inspections carried out during their initial training.

Beside this and where needed, training courses in inspection techniques and communication, reporting, languages, legal matters and management should be organised by national inspectorates.

To be able to act as lead inspector in inspections requested by CHMP or CVMP and co-ordinated by EMEA and to participate in the ongoing co-operation and harmonisation of procedures within EU, the inspector should also be able to write and speak in English.

For participating to activities as such as Joint Audit Programme, Joint Reassessment Programme, European Benchmarking, adequate training should be organized at EU or international level as appropriate.

4.2.3. Continuous training

Considering the rapid implementation of new manufacturing technologies, the ever more frequent utilization of automatic and computerized systems both in production and quality control of medicinal products, inspectors should also receive continuous training.

This could be achieved through their participation in courses, seminars, scientific meetings and conferences organized either by the national inspectorates or by national or international scientific organizations.

When appropriate, joint inspections or training visits with other inspectors of the same Member State or of other Member States may be a useful training method.

Prior to assuming responsibility for performing GMP inspections the new inspector should have gained experience by participation as team member in inspections led by senior inspectors. Preferably, the inspector should start with national GMP inspections as a member of a team and then deal progressively with more complex GMP inspections to be able to act as a team leader and/or reporting inspector in international inspections. This should be recorded within the requirements of the applicable quality system of the Competent Authority/ Inspectorate.

Ten days of training (e.g. courses, symposia, conferences, etc.) per year should be considered as a reasonable average.

4.3 Management capabilities

The inspectors should through suitable means demonstrate their knowledge and capability of using the necessary management skills required in the conduct of an inspection, i.e. planning, announcing, conducting and reporting an inspection.

4.4 Report writing

The inspector's capacity to write inspection reports according to national and Community requirements should be demonstrated and documented.

5. Maintenance of Competence

Inspectors should have their performance and qualifications periodically reviewed within the requirements of the applicable quality system of the Competent Authority/ Inspectorate. Their competence should be maintained and updated by practical experience and by participating in courses, seminars, scientific meetings, conferences and through review of relevant publications. This should be documented and its effectiveness assessed to ensure that:

Knowledge of GMP, quality systems standards and requirements is current;

Knowledge of inspection procedures and methods is current;

Knowledge of quality assurance activities within the requirements of the applicable quality system of the Competent Authority/ Inspectorate is current.

6. Harmonisation within EU

In order to promote international harmonisation in the interpretation of the principles of GMP and compliance, the Inspectorate's management should facilitate training activities, including on the job training, at national and international levels.

Consultations with the staff of other GMP inspectorates and joint inspections or training visits are useful in this context and should be encouraged.

The management should also facilitate the exchange of information and practical experience gained by inspectors in the field of GMP, with inspectorates in other disciplines especially in those areas that are closely related e.g. laboratory facilities, computerised data recording and analyses and requirements in relation to medicinal products for investigational use.



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Pharmaceuticals



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Procedures Related to GMP Inspections

Guidance on the Occasions When It Is Appropriate for Competent Authorities to Conduct Inspections at the Premises of Manufacturers of Active Substances Used As Starting Materials

Table of contents:

- Introduction
- Purpose
- Scope
- Principle
- Examples of When Inspections May Be Appropriate
- References

Title	Guidance on the Occasions When It Is Appropriate for Competent Authorities to Conduct Inspections at the Premises of Manufacturers of Active Substances Used As Starting Materials
Date of adoption	September 2005
Date of entry into force	1 October 2005
Supersedes	
Reason for revision	
Notes	



Guidance on the Occasions When It Is Appropriate for Competent Authorities to Conduct Inspections at the Premises of Manufacturers of Active Substances Used As Starting Materials

1. Introduction

The legal basis for the regulation of medicinal products for Human and Veterinary use is determined by the Community Directives 2001/83/EC and 2001/82/EC, respectively.

These Directives have been amended, correspondingly, by Directives 2004/27/EC and Directive 2004/28/EC to, inter alia, permit the inspection by Competent Authorities, under certain circumstances, of premises used to manufacture active substances.

The relevant sections from the amended Directives 2001/83/EC and 2001/82/EC are set out in Annex 1.

2. Purpose

The purpose of this guidance is to encourage uniformity of approach regarding the decision making process as to when an inspection of a company which manufactures or distributes active substances may be appropriate. Repackaging or relabeling of active substances carried out by a distributor are considered as manufacturing activities.

3. Scope

The scope of this guidance covers the inspection activities of Member State Competent Authorities in relation to active substances that are used in the manufacture of human and/or veterinary medicinal products. This guidance applies to active substances manufactured inside and outside of the European Economic Area (EEA) (approximately 80% of active substances used in the manufacture of medicinal products within the EEA are manufactured outside of the EEA). The scope also includes activities carried out by distributors in line with the full definition of "manufacture of active substances used as starting materials" given in Annex 1 under Article 46(a) of Directive 2001/83/EC and Article /50(a) of Directive 2001/82/EC.

When a Mutual Recognition Agreement (MRA) is in place covering GMP for active substances, and where it is in accordance with the terms of the agreement, inspections performed by the MRA partner authority will take the place of inspections by the competent authorities of the EEA.

4. Principle

A Competent Authority must be able to satisfy itself that the manufacture and distribution of medicinal products has been carried out in accordance with the principles of good manufacturing practice and that the holders of manufacturing authorisations have only used active substances as starting materials which themselves have been manufactured and distributed in accordance with good manufacturing practice for active substances used as starting materials. Where it has grounds for suspecting non-compliance, the Competent Authority may carry out announced or unannounced inspections at the manufacturer or distributor of the active substance(s).

Article 46(f) of Directive 2001/83/EC and Article 50(f) of Directive 2001/82/EC oblige the holder of a manufacturing authorisation to use as starting materials only active substances, which have been manufactured in accordance with the detailed guidelines on good manufacturing practice for starting materials.

When an application for a marketing authorisation, or variation to change or add a new active substance manufacturer, is submitted, the applicant will be required to include a declaration from the Qualified Person of the manufacturing authorisation holder that the active substance(s) concerned is/are manufactured in accordance with the detailed guidelines on good manufacturing practice for starting materials.

It is expected that the holder of the manufacturing authorisation will base such a declaration on carrying out, or having carried out on his behalf, an audit of the manufacturers/distributors of the active substances concerned. Examination, by inspectors, of the audit programmes used by authorisation holders for conducting regular audits (every 2 – 3 years), including review of audit reports, is one of the primary means by which Competent Authorities will determine if manufacturing authorisation holders are in compliance with the above articles.

Where the Competent Authority concludes that a manufacturing authorisation holder has not fulfilled its obligations under Article 46(f) of Directive 2001/83/EC and/or Article 50(f) of Directive 2001/82/EC regulatory action may be taken against the manufacturing authorisation holder and where necessary, appropriate action in connection with products on the market.

In compliance with Article 111 of Directive 2001/83/EC and Article 80 of Directive 2001/82/EC the Competent Authority may carry out an inspection of an active substance manufacturer in order to ensure that a manufacturing authorisation holder has fulfilled its obligations under Article 46(f) and/or Article 50(f) of the above mentioned Directives.

5. Examples of When Inspections May Be Appropriate

The following is a list of examples of when the inspection of premises used to manufacture a starting material, which is, in turn, used in the manufacture of a human or veterinary medicinal product, may be required. The legislation provides for unannounced inspections but this is not expected to become routine practice. Member States are expected to reserve unannounced inspections for occasions where such action is appropriate.

5.1 Directly linked to EU Legislation

(Reference to Directive 2001/83/EC / Directive 2001/82/EC as amended)

- 5.1.1 When carried out by a Member State as part of the verification of the particulars submitted in support of an application for a marketing authorisation. This may apply in relation to marketing authorisation applications under national or mutual recognition or decentralised procedures and to application for variations to existing marketing authorisations (Article 19(1)/ Article 23(1)).
- 5.1.2 When requested by another Member State where the requesting authority provides a written request detailing why an inspection is necessary. (Article 111(1)/Article 80 (1)).
- 5.1.3 When requested by the European Commission where the Commission provides a written request detailing why an inspection is necessary (Article 111(1))/Article 80 (1).

- 5.1.4 When requested by the European Medicines Agency (EMA) in relation to the assessment of a product under the centralised system or in connection with matters referred to it in accordance with Community legislation (Article 111(1)/ Article 80 (1)).
- 5.1.5 When requested by the Commission or the EMA on behalf of the European Directorate for the Quality of Medicinal Products (EDQM) in order to verify if the data submitted in order to obtain a conformity certificate conforms with the monographs of the European Pharmacopoeia (Ph. Eur.) (Article 111 (1)/ Article 80 (1)) (Res AP/CSP (99)4).
- 5.1.6 When requested by the Commission or the EMA on behalf of the EDQM where the latter suspects that there are grounds for suspending or withdrawing a conformity certificate (Certificate of Suitability) (Article 111(1)/Article 80(1) (Res AP/CSP (99)4).
- 5.1.7 Where the competent Authority considers that there are grounds for suspecting serious non-compliance with the principles of good manufacturing practice referred to in Article 47/Article 51 (Article 111(1)/ Article 80(1) – see also 2.3 below. This may also have regulatory consequences for relevant manufacturing authorisation holders.
- 5.1.8 Where there is disagreement between Member States on the conclusions from an inspection of a manufacturer of active substances to be used as starting materials for medicinal products (Article 122(3)/ Article 90(4)).
- 5.1.9 Where an uninvolved Member State is requested by the Commission to participate in a re-inspection in another Member State (Article 122(3)/ Article 90).
- 5.1.10 When requested by the manufacturer of an active substance located on the territory of a Member State of the EEA. Such an inspection may, for example, be for export purposes Article 111(1)/Article 80(1).
- 5.1.11 When requested by a manufacturer of an active substance, which is located in a non-European Economic Area (EEA) and non-Mutual Recognition Agreement (MRA) country. In such circumstances, at least one holder of a manufacturing authorisation supplied by the active substance manufacturer shall be located in the Member State of the competent authority which is requested to carry out the inspection (Article 111(1)/Article 80(1).
- 5.1.12 Where an active substance manufacturer supplies to a number of manufacturing authorisation holders in two or more Member States, the choice of competent authority to carry out the inspection is left to that active substance manufacturer.

5.2 Other examples

The following cases are examples for inspection triggers, where there is a suspicion of non-compliance with the GMP principles and guidelines in compliance with provisions of Article 111 of Directive 2001/83/EC and Article 80 of Directive 2001/82/EC. Examples 2.9 & 2.10 represent interfaces between manufacturing of the active substance and the finished medicinal product. It is therefore justified to include them in inspection schemes for medicinal products.

- 5.2.1 When analysis of a sample of an active substance used as a starting material carried out by, or on behalf of, the competent authority indicates significant non-compliance with the specification or suitability for use.
- 5.2.2 Following a report of a serious adverse reaction and/or recall of a medicinal product in which the quality of the active substance is implicated.
- 5.2.3 On receipt of information from another Competent Authority, based inside or outside the EEA, or other well-supported evidence, that activities at the premises are not compliant with the GMP principles. This may include premises located inside or outside the EEA. It may also include invocation of the safeguard clause contained in a MRA where the competent authority considers that it is imperative that an inspection of an active substance manufacturer located in the territory of an MRA partner be carried out.
- 5.2.4 Where there are suspicions regarding the authenticity of data, relating to an active substance. This would include data submitted in support of a marketing authorisation application, data provided on Certificates of Analysis or information on the identity of the original manufacturer of an active substance.
- 5.2.5 Where, during an inspection of a manufacturer of medicinal products, it is noted that there have been recurrent problems with the quality of individual batches of an active substance from a specific active substance manufacturer.
- 5.2.6 When recommended in an inspection report as a consequence of, or follow up to, observations from another inspection.
- 5.2.7 Where an inspection carried out on behalf of the EDQM reveals significant non-compliance with GMP principles, the competent authority may consider it appropriate to carry out a follow up inspection.
- 5.2.8 When a pharmacopoeial specification has been changed for significant safety reasons and there are grounds for suspecting that it has not been implemented by the active substance manufacturer.
- 5.2.9 When the active substance is a biological substance and the manufacturer is not subject to routine repeated inspections. Note: As the characterisation and quality of most biological substances is highly dependent on the production process, their manufacture is considered to be an integral part of the manufacturing process for the dosage form and should be subject to routine inspection.
- 5.2.10 When the active substance is presented as sterile and is to be incorporated aseptically during the manufacture of a medicinal product and the manufacturer is not subject to routine repeated inspections. Note: The sterilisation and subsequent aseptic handling of the active substance is considered to be part of the manufacturing process for the dosage form and should be subject to routine inspection. Steps preceding such sterilisation and aseptic handling, or when the substance is not intended to be incorporated aseptically fall under the guidance detailed in section 1 or the other parts of section 2.

5.2.11 As a measure to ensure that a manufacturing authorisation holder has fulfilled its obligations under Article 46(f) of Directive 2001/83/EC and/or Article 50(f) of Directive 2001/82/EC by virtue of Article 111 of Directive 2001/83/EC or Article 80 of Directive 2001/82/EC to ensure that the legal requirements governing medicinal products are complied with.

6. References

Directive 2001/82/EC as amended by Directive 2004/28/EC

Directive 2001/83/EC as amended by Directives 2002/98/EC, 2004/24/EC and 2004/27/EC



EUROPEAN COMMISSION
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**Public Health and Risk Assessment
Pharmaceuticals**



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SCIENCE MEDICINES HEALTH

Procedures Related to GMP Inspections

The Issue and Update of GMP Certificates

Table of contents:

- Introduction
- Use of Certificates
- When GMP Certificates should be issued and EudraGMP database entry
- Non-compliance with GMP
- Renewal and Update of GMP Certificates
- Closure of Manufacturing Sites

Title	The Issue and Update of GMP
Date of adoption	March 2007
Date of entry into force	By 30 September 2007
Supersedes	
Reason for revision	
Notes	GMP Certificates are issued, where appropriate, to manufacturers following an inspection in accordance with Art. 111(5) of Directive 2001/83/EC and Art. 80(5) of Directive 2001/82/EC. They are also entered into the Community database (EudraGMP) as required in Arts 111(6) and 80(6) of the same directives



The Issue and Update of GMP Certificates

1. Introduction

Art. 111 (5) of Directive 2001/83/EC and Art. 80 (5) of Directive 2001/82/EC as amended, require a certificate of Good Manufacturing Practice to be issued to the manufacturer within 90 days of carrying out an inspection if the manufacturer complies with the principles and guidelines of GMP as provided for by Community law. The GMP certificates issued, or the information indicating that a manufacturer does not comply, shall be entered into the EudraGMP Community database.

The requirement specifically refers to inspections referred to in Art. 111 (1) of Directive 2001/83/EC and Art. 80 (1) of Directive 2001/82/EC, as amended. It includes therefore inspections of:

- Manufacturers, importers and contract laboratories according to national and centrally organised inspection programmes;
- Active substance manufacturers, in particular where there are grounds for suspecting non-compliance, carried out in accordance with the Community Procedure entitled “Guidance on the occasions when it is appropriate for competent authorities to conduct inspections at the premises of manufacturers of active substances used as starting materials”, which includes requests by a manufacturer itself, member state, the Commission or EMEA. It also includes requests by EDQM on behalf of the Commission or EMEA as part of the certification procedure for monographs of the European Pharmacopoeia;
- Marketing authorisation holders in so far as compliance with Good Manufacturing Practice is concerned;
- Manufacturers located in third countries.

The requirement applies regardless as to whether the inspections are unannounced, routine or requested by a Member State, the European Commission, European Medicines Agency, EDQM or manufacturer itself.

In addition where appropriate, and where the national competent authority chooses to do so, GMP certificates may be issued following inspection of manufacturers of investigational medicinal products for human use. In any case entry into EudraGMP database will be made to fulfil Art. 11(1) f of Directive 2001/20/EC.

This document is intended to give interpretation on aspects of responsibilities of the issue, renewal and update of GMP certificates.

2. Use of Certificates

GMP certificates are for the purpose of confirming to a manufacturer (whether for active substances or medicinal products) the overall conclusion of an inspection with respect to compliance with GMP. In some cases, particularly outside of the EEA, they may be used by applicants to support regulatory submissions. Within the EEA they do not replace confirmation of the holding of a manufacturing authorisation. The GMP status of third country manufacturing sites for medicinal products and active substances may be confirmed using the EudraGMP database or until this is fully operational, confirmed using the Community procedure for the exchange of information.

For active substances, the supporting document in regulatory submissions is the declaration by the Qualified Person of the manufacturing authorisation holder that uses the active substance as a starting material.

GMP certificates issued by EEA authorities are recognised within the framework of WHO and to fulfil obligations under the Mutual Recognition Agreements were agreed.

3. When GMP Certificates Should Be Issued and EudraGMP Database Entry

3.1 Responsibility for issue of GMP Certificates

For medicinal products responsibility for issuing GMP certificates and placing entries into EudraGMP rests with the supervisory authority, including those certificates issued following inspections performed at the request of the Commission, EMEA, EDQM, Member State or an active substance manufacturer as well as inspections performed by another member state on behalf of the supervisory authority. If there is more than one supervisory authority for third country manufacturers then these authorities should agree on who will take on this responsibility but normally one of the supervisory authorities will lead the inspection and this one should take responsibility.

In the case of an inspection of an active substance manufacturer, as the concept of supervisory authority does not apply, responsibility for the GMP certificate and EudraGMP entry rests with the authority that carries out or leads the inspection.

Following each relevant inspection, a report in accordance with the Community format should be produced by the responsible inspector or inspection team, which should contain a clear statement as to whether or not the manufacturer complies with the principles and guidelines of GMP as provided for in Community legislation. Where this is the case, within 90 days of the last day of the inspection concerned, the supervisory authority should issue a GMP certificate in accordance with the Community format to the manufacturer that underwent the inspection. In the case of non-compliance see the relevant Community procedure.

Each certificate should include a reference that enables traceability within the inspectorate that issued it so that the inspectorate can respond promptly to enquiries regarding authenticity.

Duplicates of valid GMP certificates may be issued in response to a request from the manufacturer, or MRA partner authority in accordance with the terms of the agreement.

3.2 Circumstances where the issue of a certificate to a manufacturer may not be applicable (other than in cases of failure to comply with GMP).

If the aim of any particular visit to a site is not primarily to assess compliance with GMP and the issue of a certificate is therefore not foreseen, then this should be made clear to the concerned manufacturer at the outset.

It may not be appropriate to issue a GMP certificate following an inspection in response to an application for, or variation to a manufacturing authorisation, even if the outcome of the inspection is positive with respect to the application, particularly where approval is based upon plans and commitments rather than a direct inspection of facilities and operations.

Normally, an inspection is conducted in a single visit over a consecutive period of days but it may be split into a number of separate visits. Provided the subsequent visits occur within a reasonable period of time of the first visit, as decided by national procedures, the individual visits may collectively be considered as one inspection for which a single certificate will be issued within 90 days of the last day of the last visit. The manufacturer should be informed of this beforehand.

A GMP certificate is not issued to a third country manufacturer when the GMP status has been verified using the distant assessment procedure described in the Community procedure on co-coordinating the verification of the GMP status of manufacturers in third countries. A EudraGMP database entry is nevertheless made (see section 3.6).

Depending on national procedures, GMP certificates need not be issued to manufacturers of investigational medicinal products. Nevertheless EudraGMP entry will be required (see section 3.7).

3.3 Scope of individual certificates

The certificate should include all operations deemed to be GMP compliant as a result of the inspection. For large sites in the EEA this may not necessarily include all authorised operations as several inspections may be needed to assess all the authorised operations over a period of time as agreed in Community procedures.

Inspections performed at third country manufacturers are often particularly restricted in scope and provision is made for this in part 2 of the certificate format. For ease of database entry and to reduce the use of free text, the EudraGMP database contains standard phrases to cover the most common situations.

3.4 Responsibility for EudraGMP database entry

The supervisory authority may enter the details of the certificate into the EudraGMP before or at the time the certificate itself is issued to the manufacturer, or as soon as possible thereafter. Database entries will have a status of draft, current or withdrawn.

3.5 EudraGMP entry for GMP Certificates issued by MRA Partners

The information from GMP certificates issued by MRA partner authorities is, on the first occasion, input into EudraGMP by the requesting authority in the EEA. Once the necessary agreements are in place it is suggested that subsequent certificates for the same site are input directly by the MRA partner. In the absence of such an agreement subsequent certificates will continue to be input by the requesting authority in the EEA.

3.6 Distant assessment

When the GMP status of a manufacturer located in a third country has been verified using the distant assessment procedure described in the Community procedure on co-ordinating the verification of the GMP status of manufacturers in third countries, no certificate should be issued to the manufacturer in question but an entry in the EudraGMP database should nevertheless be made by the supervisory authority indicating in the relevant field that the distant assessment procedure was followed.

3.7 Investigational Medicinal Products for Human Use (IMPs)

Directive 2001/83/EC does not make reference to the issue of GMP certificates following an inspection of a manufacturer of IMPs, however Member States may choose to do so. In order to facilitate the exchange of information on clinical trials Art. 11 of Directive 2001/20/EC requires a reference to inspections to be included in a European database and it has been agreed that the appropriate database is EudraGMP database for GMP inspections of manufacturers of IMPs. Therefore an entry should be made whether or not a certificate is issued to the manufacturer in question.

4. Non-compliance With GMP

A separate Community procedure deals with the handling of non-compliance.

5. Renewal and Update of GMP Certificates

- 5.1 A certificate itself is not renewed, as it is a declaration of the status of GMP compliance at a particular point in time connected with a satisfactory inspection outcome. A new certificate will be issued following the next inspection, if appropriate. Entries in EudraGMP however require a different approach.

EudraGMP requires the Member State inputting new information to decide whether the new certificate replaces an existing entry for the site in question, in which case they must take action to withdraw the superseded information, or, whether the information is in addition to the existing information, in which case the information being supplemented should remain in the database. In the case of third country manufacturers with more than one supervisory authority it is possible that a different authority carries out the subsequent inspection but it is not possible for an authority to withdraw a database entry made by another authority. Therefore both authorities have to work together to maintain the database in order that superseded information is withdrawn by the supervisory authority that originally input it.

However, sometimes it will be necessary to retain some of the existing information if it is not superseded following a new inspection. This would happen, for example, when the most recent inspection does not cover everything covered by the previous inspection. In this case the following action is appropriate:

- Withdraw the existing certificate (or have the original issuing authority withdraw it) and re-issue it having removed the superseded information but retaining the original date of inspection;
- Issue a further new certificate with new information and the most recent inspection date.

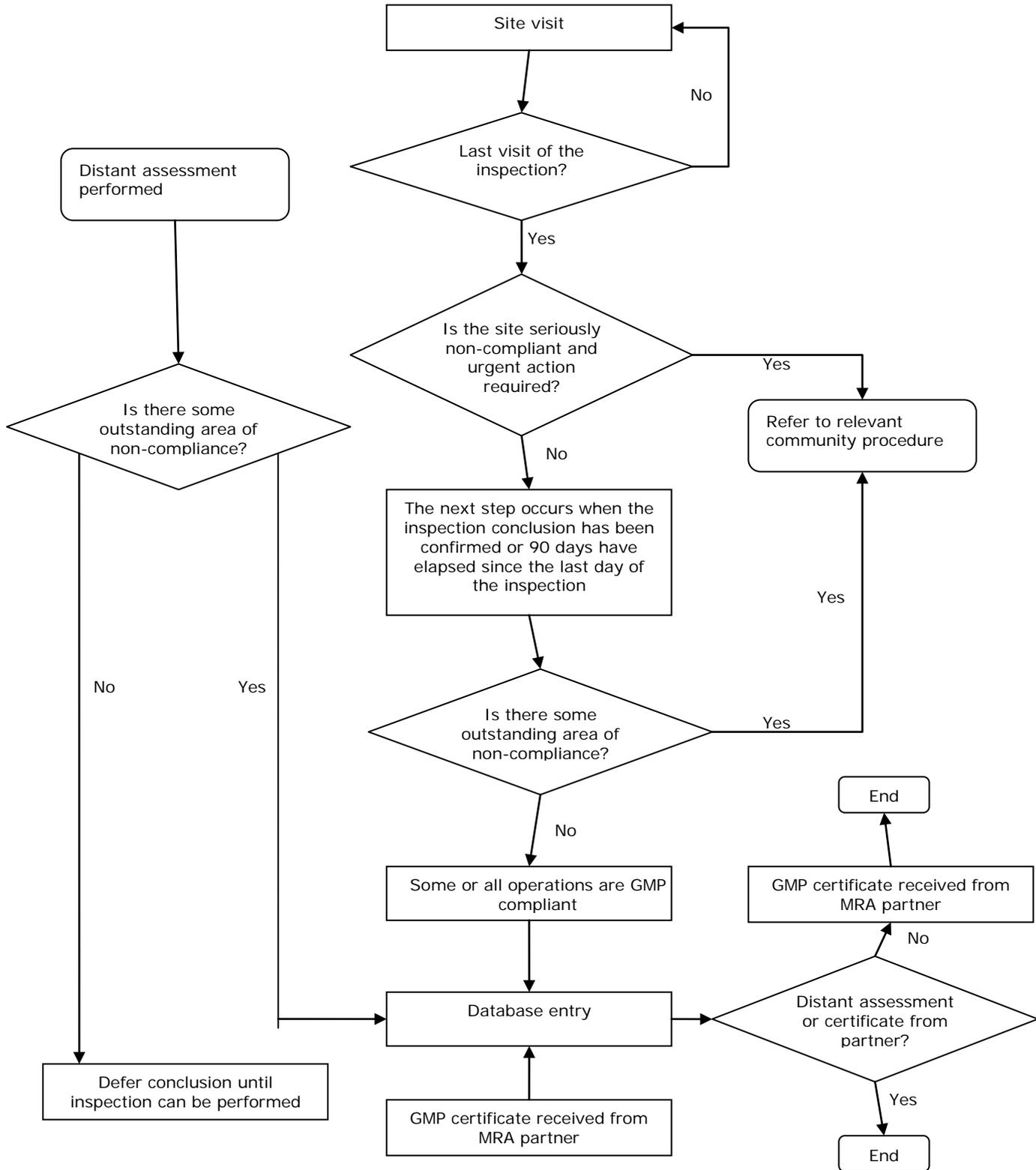
5.2 Administrative updates and re-issue

An updated certificate may be issued to a manufacturer and input into EudraGMP by the authority that issued the last certificate at the request of a manufacturer when administrative changes occur that affect the details appearing on the certificate and where the supervisory authority agrees that a re-inspection is not required. An example would be a change in the name of the manufacturer. These new certificates will supersede the existing certificate but will maintain the original date of inspection, as an inspection will not have been carried out.

6. Closure of Manufacturing Site

Member states should take steps to ensure that when a site under its supervision ceases to operate, any GMP certificate is withdrawn from the Community database along with any manufacturing authorisation and non-compliance information.

Appendix





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Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
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Procedures Related to GMP Inspections

A Model for Risk Based Planning for Inspections of Pharmaceutical Manufacturers

Table of contents:

- Introduction
- Purpose
- Scope
- Procedure
- How to Use This Quality Risk Management Tool
- Revision History
- Appendices

Title	A Model for Risk Based Planning for Inspections of Pharmaceutical Manufacturers
Date of adoption	June 2013
Date of entry into force	1 December 2013
Supersedes	version of the procedure adopted in Nov 2007, EMA/INS/GMP/321252/2012
Reason for revision	Updated to incorporate the PI-037-1-PIC/S Recommended Model for Risk-based Inspection Planning in the GMP Environment
Notes	



A Model for Risk Based Planning for Inspections of Pharmaceutical Manufacturers

1. Introduction

- 1.1. According to Directive 2001/83/EC, 2001/82/EC and 2001/20/EC, respectively, the Competent Authority shall ensure, by means of repeated inspections, that the legal requirements governing medicinal products are complied with. The Competent Authority may also carry out unannounced inspections at the premises of manufacturers of active substances used as starting materials, or at the premises of marketing authorisation holders whenever it considers that there are grounds for suspecting non-compliance with the principles and guidelines of good manufacturing practice.
- 1.2. A risk based approach to inspection planning will enable the frequency, depth and breadth of inspections to be determined accordingly. This will allow flexible and effective administration and supervision whilst maintaining a high level of patient safety.
- 1.3. Competent Authorities of the Member States need to develop a systematic and risk-based approach to make the best use of their surveillance and enforcement resources while maximizing the impact of those resources on the public health.
- 1.4. Each Competent Authority should have a written procedure that covers the preparation, realization and supervision of an annual inspection programme. This programme should ensure that the extent and frequency of inspections can be adhered to as planned. Sufficient resources must be determined and made available to ensure that the designated programme of inspections can be carried out in an appropriate manner.
- 1.5. This document sets out a simple and flexible Quality Risk Management tool that may be used by GMP Pharmaceutical Inspectorates when planning the frequency and scope of GMP inspections. It is a methodology that is based upon the concept of rating manufacturing sites on the basis of an estimated risk that they may pose to patients, consumers, animals and users of medicines. The methodology also takes into account the risk to product quality.
- 1.6. The methodology provides a simple two-page quality risk management worksheet that is designed to be completed by Inspectors immediately following an inspection at the site. The worksheet is presented in Appendix 1 to this document and is designed to not require more than several minutes to complete.
- 1.7. This Quality Risk Management tool was designed in line with the principles, concepts and guidance set out in the following official documents:
 - PI-37-1- A Recommended Model for Risk-based Inspection Planning in the GMP Environment;
 - ICH Q9 - Quality Risk Management;
 - Annex 20 to the PIC/S GMP Guide;
 - ICH Q10 – Pharmaceutical Quality Systems.

2. Purpose

- 2.1. This document outlines recommendations for a risk based planning system according to which sites that fall under regulatory supervision are subject to inspection.
- 2.2. It is intended that each GMP Pharmaceutical Inspectorate uses the document as the basis for developing and implementing its own annual inspection programme.
- 2.3. The purpose of this document is to provide a simple and qualitative Quality Risk Management tool that may be of use to GMP Pharmaceutical Inspectorates to prioritise sites for inspections when planning the frequency and scope of GMP inspections.

3. Scope

- 3.1. The scope of this document covers the following:
 - The planning of routine GMP inspections of active substance and medicinal product manufacturers by the Competent Authorities of the Member States;
 - Domestic and third country manufacturers;
 - The planning of routine GMP inspections of Investigational Medicinal Product (IMP) manufacturers by the Competent Authorities of the Member States;
 - Follow-up activities, such as assigning a new risk rating to the site following the receipt of new information about the site or its products. (Note: this normally occurs between inspections and the types of new information might include information on quality defects, product recalls, market surveillance test results, etc.);
 - Note: While this methodology has not been designed for the planning of GDP inspection programmes or for the planning of inspections at pharmacies, some countries may choose to use it as a basis for those purposes and it may be of help in those areas.
- 3.2. The scope of this document does not extend to the following:
 - The actual conduct of an inspection;
 - The planning of inspections at new manufacturers before any inspection has taken place;
 - This methodology requires knowledge of the GMP compliance status of the site. It is considered that new sites should not be rated for their initial inspection in accordance with this Quality Risk Management tool, because the GMP Pharmaceutical Inspectorate in question will not likely have sufficient knowledge about the site to assign a risk rating to that site. (However, certain aspects of this methodology, such as the intrinsic risk evaluation, may be useful to apply to new sites when planning inspections at new sites.);
 - The planning of non-routine and emergency inspections at manufacturers, such as when a Critical deficiency or many Major deficiencies have been identified during a recent inspection;

- It is usually not necessary or indeed helpful to use a formal Quality Risk management methodology such as this one to determine whether a non-routine or emergency inspection should be performed;
- The planning of for-cause inspections that must be carried in order to approve or reject a variation application to a Marketing or Manufacturing Authorisation;
- The methodology presented in this document was not designed to apply to the inspection of blood and tissue establishments, but it may be modified for application in this area;
- This Quality Risk Management tool should not normally be applied to a site until a full inspection at the site has occurred. This is because the compliance status of the site needs to be determined in order to use this tool;
- If a site has had one initial inspection but if the GMP Pharmaceutical Inspectorate in question considers that this initial inspection was not a 'full' inspection of the site and that one or more additional inspections are required before the site can be considered to have had a 'full' inspection, such sites should not be rated using this Quality Risk Management tool until they have been subjected to a 'full' inspection;
- A useful rule of thumb to use is that the tool should not be applied to a site until the site has been granted a Manufacturing Authorisation and/or a GMP Certificate, as these actions indicate that the site will have been assessed from a compliance perspective;
- This procedure covers both human and veterinary medicinal products.

4. Procedure

4.1. Principle

Planning and scheduling of inspections is realised as follows:

- Complete the worksheet presented in Appendix 1 to this document immediately following an inspection at the site.
 - Assign risk ranking (based on an intrinsic risk and a compliance-related risk) for each site;
 - Establish the recommended inspection frequency;
 - Establish the recommended scope of the next routine inspection.
 - Establish the necessary expenditure of inspection time for each site (see Appendix 3);
 - Update the frequency and/or scope of the next routine inspection as new information on the compliance status of the site or on its activities and products is received;
 - In the case of manufacturing sites in third countries, this information should be put in EudraGMDP planning module.
- 4.2. This Quality Risk Management methodology is a simple tool that allows GMP Pharmaceutical Inspectorates to assign a relative risk rating to manufacturers when planning the routine inspection programme for those sites.
- 4.3. The risk ratings that are generated using this methodology may be used by the GMP Pharmaceutical Inspectorate to assign a frequency to the routine inspections that will be performed at the various manufacturers under its supervision.

- 4.4. The scope of an inspection may be general and cover the full range of activities at the site, or may be limited to specific activities. Where the latter approach is used, the Competent Authority should ensure that all relevant critical activities are covered within a 5 year period.
- 4.5. Generally the interval between inspections by trusted authorities¹ should not exceed 3 years as lack of continuity may give rise to lower awareness of current GMP or allow significant deficiencies to develop. The necessity to carry out immediate (non-routine) inspections e.g. due to product quality defects or significant changes of building, equipment or processes is not affected. This methodology is not designed to be used to determine when such non-routine inspection should occur, as there is usually no need to use a formal tool such as this one to decide when such an inspection should occur.
- 4.6. The risk ratings that are assigned to sites are based on an assessment of two different kinds of risk - an intrinsic risk and a compliance-related risk.
- 4.7. The intrinsic risk estimated for a site reflects the complexity of the site, its processes and products as well as the criticality of the products or services provided by the site including from a supply perspective. These items (complexity and criticality) usually remain fairly constant regardless of the compliance status of the site. Therefore, one usually cannot estimate this risk on the basis of inspection deficiencies or compliance history.
- 4.8. The compliance-related risk that is estimated for the site reflects the GMP compliance status of the site immediately following the most recent routine inspection at the site. When this risk is being estimated, the classification and number of deficiencies identified at the last inspection are taken into account.
- 4.9. Note: Guidance on how to assess the intrinsic risk is provided in Appendix 2. This is important to read before using the tool. A table is provided in the worksheet (Appendix 1) showing how to assess the compliance-related risk.
- 4.10. Once the intrinsic risk and the compliance-related risk associated with the site have been estimated, those two risks are then combined using a simple matrix to generate a relative risk rating for the site. It is this risk rating that is considered when deciding the frequency of the next routine inspection at the site.
- 4.11. To define the scope and date of the next inspection of the manufacturing site, the Competent Authority should also take into account the following factors:
 - 4.11.1. The agency's knowledge of the company (overall compliance status and history of the company and facility).
 - 4.11.2. Results of product testing by OMCL's.
 - 4.11.3. Number and significance of quality defects (e.g. recall).
 - 4.11.4. Marketing Authorisation variations affecting the site.
 - 4.11.5. A failure to implement a Marketing Authorisation variation on time.
 - 4.11.6. Compliance information from trusted authorities outside the EU.

The main pre-requisites for consideration of compliance information from international partners are:

- The manufacturer has already undergone a full inspection by an EU/EEA Competent Authority in the past;

¹ Please see 4.8.6. for a definition of 'trusted authorities'.

- The received compliance information is sufficient to enable the assessment of the GMP compliance of the site;
- An authority can be considered as 'trusted' when there is a high degree of similarity between the EEA's and the authority's inspection procedures and GMP standards (currently equivalent inspections can be considered in connection with an MRA, AACA and PIC/S).

Guidance on the delay of a re-inspection of a manufacturer based on the inspectorate's assessment of the intrinsic and compliance-related risks and compliance information from a trusted authority is provided in Appendix 4.

4.11.7. Major changes of building, equipment, processes, personnel.

4.11.8. Experience with manufacturing of a product (e.g. frequency, volume, number of batches).

- 4.12. With regard to the scope of the next routine inspection at the site, this is not determined using the risk rating that is assigned to the site. Instead, this Quality Risk Management methodology requires certain other items to be considered when the recommended scope of the next inspection is being documented.

These other items are:

4.12.1. The required focus and depth of the next routine inspection of the site.

4.12.2. The required duration of the next routine inspection of the site.

4.12.3. The required number of inspectors to be assigned to the next routine inspection of the site.

4.12.4. Whether any specific competence or expertise will be required on the inspection team when performing the next routine inspection of the site.

- 4.13. When determining the required focus and depth of the next routine inspection, the methodology requires the inspector to consider the following items before making his/her recommendation:

4.13.1. The areas in which deficiencies were identified during the most recent inspection at the site, particularly major and critical deficiencies.

4.13.2. The areas that were not inspected (or that were not inspected in detail) during the most recent inspection at the site.

4.13.3. The areas that were considered during the last inspection to have been inadequately resourced at the site.

4.13.4. Any other area that the inspector feels requires detailed review at the next inspection.

- 4.14. The recommended scope of the next routine inspection is documented on the worksheet after the last inspection has been performed at the site. The person who should do this will normally be the inspector who led the last inspection at the site in question. (This approach is advantageous because it utilises the existing knowledge of the inspector who most recently inspected the site.)

- 4.15. Expenditure of time

Appendix 3 gives guidance values for the required inspection time per type of site. The time spent on the site may be adjusted in accordance with the national re-inspection programmes of the Competent Authorities. The type of manufacturing site is classified by the relevant dosage form and the manufacturing process, respectively.

The required time may be adjusted accordingly, depending on these factors:

- The type of inspection (full vs. part inspection);
 - The complexity of the site (size, variety of facilities);
 - The complexity of the manufacturing process (type and sequence of operations, process controls applied);
 - The complexity of the product and its therapeutic significance;
 - The patient exposure;
 - The compliance history of the site.
- 4.16. This methodology recognises that new information on the compliance status of the site or on its activities and products may be received by the Inspectorate after the site has been rated using this methodology to determine the frequency of the next routine inspection, and after the scope of the next routine inspection has been documented.
- 4.17. This methodology also recognises that changes made (or proposed to be made) at a site may trigger a non-routine inspection at the site. Again, as stated above, this methodology is not designed to be used to determine when such non-routine inspection should occur, as there is usually no need to use a formal tool such as this one to decide when such an inspection should occur.
- 4.18. Calculation of the next inspection date
- The calculation of the next inspection date results from the last inspection date and the inspectorate's risk assessment process following this procedure and is documented in the worksheet (Annex 1).
- 4.19. Responsibilities and supervision
- The responsibility for the compilation and supervision of an annual inspection programme should be defined within the GMP Pharmaceutical Inspectorate. A periodical review of the inspection programme should ensure that serious deviations from the time plan are noticed and corrective actions taken as necessary.

5. How to Use This Quality Risk Management Tool

- 5.1. When using this Quality Risk Management tool, a two page worksheet document needs to be completed for each site that is being rated. The format of this worksheet is shown in Appendix 1. This worksheet contains seven parts, A through G.
- 5.1.1. Part A of the Quality Risk Management tool worksheet – Preliminary Information
- Part A is where preliminary information about the site is documented. This includes the site name and address, the authorisation numbers held by the site, etc.
- 5.1.2. Part B of the Quality Risk Management tool worksheet – Intrinsic Risk
- Part B is where the intrinsic risk associated with the site is estimated. There are two risk-indicating factors that need to be considered here – the complexity of the site, its processes and products, and the criticality of the products manufactured by the site (or the criticality of the services provided by the site, such as contract analytical testing services).
- Appendix 2 provides detailed guidance on the meaning of each of these items (Complexity and Criticality) and on how to score each.

A score of 1, 2 or 3 is assigned to the Complexity factor and this is documented on the worksheet in Part B. (A complexity of 3 represents a high complexity; a complexity of 1 represents a low complexity.)

A score of 1, 2 or 3 is assigned to the Criticality factor and this is documented on the worksheet in Part B. (A complexity of 3 represents a high Criticality; a complexity of 1 represents a low Criticality.)

A Matrix, table, shown in Table 1 below, is provided on the worksheet for combining these two scores to generate an estimate of the Intrinsic risk associated with the site, and this is also documented in Part B.

	Criticality		
Complexity	1	2	3
1	1 (Low)	2 (Low)	3 (Medium)
2	2 (Low)	4 (Medium)	6 (High)
3	3 (Medium)	6 (High)	9 (High)

Table 1: Intrinsic Risk Matrix

A total score of 1 or 2 represents a Low Intrinsic Risk

A total score of 3 or 4 represents a Medium Intrinsic Risk

A total score of 6 or 9 represents a High Intrinsic Risk

5.1.3. Part C of the Quality Risk Management tool worksheet – Compliance Risk

Part C is where the *compliance-related risk* associated with the site is estimated and documented. This is solely based on the deficiencies identified at the last inspection of the site. (Note: If the last inspection was not a routine or a full inspection, the deficiencies identified at the last routine (or full) inspection as well as those identified at the last non-routine inspection should be taken into account when scoring this risk).

The following table is provided as guidance when scoring the *compliance-related risk* associated with the site. The contents of this table may be customised to reflect the policy of the Inspectorate using this methodology.

Deficiency Profile	Compliance-related Risk Score
1 or more Critical Deficiencies or more than 5 Major Deficiencies	High
From 1 to 5 Major Deficiencies	Medium
No Major or Critical Deficiencies	Low

Table 2: Compliance Risk Table

A score of High, Medium or Low is assigned to the *compliance-related risk* associated with the site, and this is documented on the worksheet in Part C.

It is recognised that sites with a High Compliance-related Risk Score may need to be inspected again very soon after the inspection that identified the poor state of compliance. Such sites may also be directed to cease production and they may have their manufacturing licence revoked or varied until they demonstrate a satisfactory level of compliance during a follow-up inspection.

In this regard, it is important to note the following:

- Such follow-up inspections are by definition non-routine. They are also sometimes referred to as 'for-cause' or 'emergency' inspections and they may occur when a site has had a Critical or many Major deficiencies (e.g. 6 or more Majors) identified;
- When a site warrants such a follow-up inspection, (e.g. within 3 months of the previous inspection), the use of this Quality Risk Management tool should be suspended until after the for-cause inspection, at which time the routine inspection programme will likely restart for the site. In practice, this can mean that, when a site has been given a Critical or a large number of Major deficiencies, (e.g. 6 or more), and if a follow-up for-cause inspection is planned in response to those deficiencies, the GMP Pharmaceutical Inspectorate should only apply this tool to the site again after the for-cause follow-up inspection has been completed and the routine inspection programme restarted;
- When resuming use of this tool in relation to the site in question, the Compliance Risk Score assigned to the site should be based on the deficiencies identified during the initial problematic inspection (i.e. the one with the Critical or the many Major deficiencies) as well as any deficiencies identified during the follow-up inspection;

5.1.4. Part D of the Quality Risk Management tool worksheet – Overall Risk Rating

Part D is where the intrinsic risk and the compliance-related risk associated with the site are combined to generate the overall risk rating for the site.

A simple matrix, as shown in Table 3 below, is provided on the worksheet for generating this risk rating, and the resulting risk rating is documented in Part D of the Worksheet.

Compliance Risk	Intrinsic Risk		
	Low	Medium	High
Low	Risk Rating = A	Risk Rating = A	Risk Rating = B
Medium	Risk Rating = A	Risk Rating = B	Risk Rating = C
High	Risk Rating = B	Risk Rating = C	Risk Rating = C

Table 3: Risk Rating Matrix

There are three possible risk ratings, A, B & C. ('A' represents a relatively low risk site and 'C' represents a relatively high risk site).

5.1.5. Part E of the Quality Risk Management tool worksheet – Inspection Frequency

Part E is where the risk rating from Part D is used to generate and document the recommended frequency for routine inspections at the site.

- Sites with an 'A' Risk Rating have at least one Low risk score for Intrinsic risk or for Compliance risk. During routine inspection programmes, these sites may be inspected at a reduced frequency, for example, at a frequency less than every two years (e.g. one inspection every 2.5 years);
- Sites with a 'C' Risk Rating have at least one High risk score for Intrinsic or for Compliance risk. During routine inspection programmes, these sites may be inspected at an increased frequency, for example, at least annually or even more frequently;

- Sites with a 'B' Risk Rating lie in-between and during routine inspection programmes, these sites may be inspected at an intermediate frequency, for example, between 12 and 24 months.

Table 4 below shows one possible way of assigning inspection frequencies based on the Risk Rating. Other approaches may also be used.

Risk Rating	Suggested Inspection Frequency
A	Reduced Frequency, 2 to 3 yrs
B	Moderate Frequency, 1 to 2 yrs
C	Increased Frequency, < 1 yr

Table 4: Suggested Inspection Frequency for Each Risk Rating

Note 1: The above Risk Rating matrix is designed so that no site with a High Intrinsic Risk score or a High Compliance Risk score is assigned a reduced inspection frequency. This is because it is considered wise to adopt a policy of inspecting all sites with a high intrinsic or compliance risk rating at least once every two years during routine inspection programmes. However, when a site has been given a High Compliance Risk score, as noted above in Section 7.1.3, a non-routine, for-cause inspection may be required at the site, and this has implications for the use of this tool during that time. See Section 7.1.3 for further details.

Note 2: It is important to note that the inspection frequencies shown in Table 4 above are presented in terms of time range intervals, not absolute time intervals.

- For example, for sites assigned a 'B' Risk Rating, the time range for the inspection frequency is set out at 1-2 years; it is not an absolute 2 years;
- The actual inspection frequency assigned to a site within any one Risk Rating (A, B or C) should reflect the number and type of deficiencies that were identified during the last inspection;
- For example, if two sites are assigned a Risk Rating of B, but if one of the sites had a poorer last inspection outcome than the other (e.g. five Major deficiencies versus one Major) the exact inspection frequency assigned to the former site should generally be towards the more restrictive end of the time range (i.e. an inspection frequency closer to one year than to two years);
- In addition, the inspection frequencies assigned to sites that have the same Risk Ratings may take into account the individual scores for the intrinsic and compliance risks. For example, when a site has both a High Intrinsic Risk and a High Compliance Risk, resulting in an overall Risk Rating of C, the assigned inspection frequency (e.g. 9 months) may be higher than that assigned to a site which has a High Intrinsic Risk but a Medium Compliance Risk, which also results in an overall Risk Rating of C;

Note 3: In some cases, the Inspector(s) who last inspected a site may disagree with the inspection frequency that is assigned to that site using this methodology.

- If this occurs and if the Inspector(s) believe that a different Inspection frequency should be assigned to the site, the reasons for this should be formally documented. Factors which may be useful to consider here are:
 - The robustness of the Quality Management System, including its approach to Quality Risk Management;

- The general GMP compliance history of the site, taking into account recurring non-compliance issues and failures to address deficiencies following inspections in a satisfactory manner;
- Significant failures to address previous GMP deficiencies.
- Recognising that the outcomes of Quality Risk Management work can be subjective and uncertain, the Inspector's views may modify the inspection frequency assigned by this methodology;
- However, each Inspectorate may wish to adopt its own approach when such situations arise, and those approaches may differ from that presented above.

5.1.6. Part F of the Quality Risk Management tool worksheet – Inspection Scope

Part F is where the recommended scope of the next routine inspection is documented. This Part should be completed either immediately after the inspection, or once the inspection report has been issued, and ideally at the same time as the previous sections.

There are four sections to complete in Part F, as follows:

- The required focus and depth of the next routine inspection of the site;
- The required duration of the next routine inspection of the site;
- The required number of inspectors to be assigned to the next routine inspection of the site;
- Whether any specific competence or expertise will be required on the inspection team when performing the next routine inspection of the site.

Once Parts E and F have been completed, the recommended frequency and scope of the next routine inspection will have been documented on the worksheet. It is anticipated that the inspection planning staff at the GMP Pharmaceutical Inspectorate in question may then use this information when planning the routine inspection programme for the manufacturing sites under their supervision.

5.1.7. Part G of the Quality Risk Management tool worksheet – Who & When

Part G is where the names of the persons that have completed the Quality Risk Management exercise are documented, and the signature (and date) of the person who completed the worksheet form is also recorded here.

5.2. Reviewing and Updating the Quality Risk Management exercises as required

The outputs of Quality Risk Management exercises performed using this methodology should be reviewed when new information becomes available to the Inspectorate that may change the risk profile of a site.

- Such new information may arise from quality defect issues, recalls, market surveillance test results, assessment findings, enforcement investigations, site changes, etc;
- In addition, variations to Marketing or Manufacturing Authorisations may mean that the activities of a site are to expand or change substantially. For example, an MA variation to switch from glass to plastic ampoules as the primary packaging component for a product may require the introduction of blow-fill-seal technology at the manufacturing site. Such MA variations may change the complexity or criticality associated with the site and, for the

purposes of this methodology, such variations may be regarded as new information about the site;

- Significant changes in the number of personnel at a site are also useful to consider from a risk perspective during the review phases, because such changes may indicate a change in the complexity of the site, thus possibly affecting the intrinsic risk, or, they may mean that there are fewer QA resources available at the site, which could lead to compliance problems later on;
- Also, the company's response report following the most recent inspection report should be considered as new information and is useful to review during this stage of applying this methodology. This is because the Inspector who reviews the company's response report may decide that there are specific aspects relating to the responses that need to be closely followed up on during the next inspection; this may thus warrant an expansion in the scope of the next routine inspection.

The above types of new information may warrant not only a change in the recommended scope of the next routine inspection, they may also require a change in the recommended frequency of the next routine inspection. It is left up to each individual Inspectorate to manage how the Quality Risk Management exercise pertaining to an individual site should be updated upon receipt of new information about the site.

It is recommended that these Quality Risk Management exercises be subjected to formal periodic review.

6. Revision History

Date	Version Number	Reasons for revision

Appendix 1: The Worksheet used by this Quality Risk Management Tool

PART A – Preliminary Information about the Site																						
Site Name																						
Site Address																						
Licence Number (if any)																						
FP or API Manufacturer?																						
Last Inspection Date																						
Name of previous lead Inspector																						
PART B – The Intrinsic Risk Associated with the Site																						
Risk Factor	Risk Score	Matrix for Estimating the Intrinsic Risk																				
The Complexity of the site, its processes and products, is regarded as:	1 2 3 Circle one	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th colspan="4" style="text-align: center;">Criticality</th> </tr> <tr style="background-color: #d3d3d3;"> <th style="text-align: center;">Complexity</th> <th style="text-align: center;">1</th> <th style="text-align: center;">2</th> <th style="text-align: center;">3</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1 (Low)</td> <td style="text-align: center;">2 (Low)</td> <td style="text-align: center;">3 (Med)</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">2 (Low)</td> <td style="text-align: center;">4 (Med)</td> <td style="text-align: center;">6 (High)</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">3 (Med)</td> <td style="text-align: center;">6 (High)</td> <td style="text-align: center;">9 (High)</td> </tr> </tbody> </table> <p>Use the above matrix and record the Intrinsic Risk associated with the site below: Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/></p>	Criticality				Complexity	1	2	3	1	1 (Low)	2 (Low)	3 (Med)	2	2 (Low)	4 (Med)	6 (High)	3	3 (Med)	6 (High)	9 (High)
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The Criticality of the products manufactured by the site, or the criticality of the analytical testing or other service offered provided by the site, is regarded as:	1 2 3 Circle one																					
PART C – The Compliance-related Risk based on the last Inspection																						
The compliance risk indicated by the most recent deficiency profile of the site is:	Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	- No Major or Critical Deficiencies - 1 to 5 Major Deficiencies: Number of Majors = - 1 or more Critical Deficiencies or more than 5 Majors (Note: Customise as appropriate)																				
PART D – The Risk-Rating assigned to the Site																						
Complete the matrix below by combining the Intrinsic risk score and the Compliance-related risk score to determine the Risk Rating for the site.																						
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th rowspan="2" style="text-align: center;">Compliance Risk</th> <th colspan="3" style="text-align: center;">Intrinsic Risk</th> </tr> <tr style="background-color: #d3d3d3;"> <th style="text-align: center;">Low</th> <th style="text-align: center;">Medium</th> <th style="text-align: center;">High</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Low</td> <td style="text-align: center;">Risk Rating = A</td> <td style="text-align: center;">Risk Rating = A</td> <td style="text-align: center;">Risk Rating = B</td> </tr> <tr> <td style="text-align: center;">Medium</td> <td style="text-align: center;">Risk Rating = A</td> <td style="text-align: center;">Risk Rating = B</td> <td style="text-align: center;">Risk Rating = C</td> </tr> <tr> <td style="text-align: center;">High</td> <td style="text-align: center;">Risk Rating = B</td> <td style="text-align: center;">Risk Rating = C</td> <td style="text-align: center;">Risk Rating = C</td> </tr> </tbody> </table>			Compliance Risk	Intrinsic Risk			Low	Medium	High	Low	Risk Rating = A	Risk Rating = A	Risk Rating = B	Medium	Risk Rating = A	Risk Rating = B	Risk Rating = C	High	Risk Rating = B	Risk Rating = C	Risk Rating = C	
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The Risk Rating associated with this site is: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>																						
PART E – The Recommended Frequency for Routine Inspections at the Site																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">Reduced Freq, 2 to 3 yrs</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">Moderate Freq, 1 to 2 Yrs</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">increased Freq, < 1 yrs</td> </tr> </tbody> </table>	A	Reduced Freq, 2 to 3 yrs	B	Moderate Freq, 1 to 2 Yrs	C	increased Freq, < 1 yrs	Using the Risk Rating, 1) the estimated re-inspection date is (Please update in EudraGMDP): 2) the delay of re-inspection based on Appendix 4 is: max.....(months/years) 3) the date of the next inspection by the Supervisory Authority is (Please update in EudraGMDP):															
A	Reduced Freq, 2 to 3 yrs																					
B	Moderate Freq, 1 to 2 Yrs																					
C	increased Freq, < 1 yrs																					

Appendix 1 cont'd

PART F – Recommended Scope of the next Routine Inspection	
<p>Note: This Part should be periodically updated if new information is received about the site before the next routine inspection that may warrant a change in risk rating and the scope of that inspection.</p> <p>For example, information can be received relating to, Quality Defects, Recalls, Market Surveillance Test Results, Enforcement Investigations, and other indicators of non-compliance, such as the failure to implement a variation to an MA that might require the scope of the next inspection to be changed. Information may also relate to major changes at the site (indicated perhaps via an MA variation or a manufacturing authorisation variation submission) and this may warrant a change in scope.</p>	
<p>Document on the right the recommended focus & depth of the next routine inspection.</p> <p>Note: Take into account the following:</p> <ul style="list-style-type: none"> • The areas in which deficiencies were identified during the most recent inspection at the site, particularly major and critical deficiencies; • The areas that were not inspected (or that were not inspected in detail) during the most recent inspection at the site; • The areas that were considered inadequately resourced at last inspection; • Planned changes at the site that may alter the complexity or criticality risk ratings associated with the site • Any other area that the inspector feels warrants review at the next inspection. 	
<p>Document on the right the required duration of the next routine inspection:</p>	
<p>Document on the right the required number of inspectors that should be assigned to the next routine inspection:</p>	
<p>Document on the right any specific competence or expertise that will be required on the inspection team when performing the next routine inspection:</p>	
PART G – Signatures & Dates	
<p>Record here the names of the persons who completed this quality Risk management exercise, and sign and date this form:</p> <p>Name: _____ Name: _____</p> <p>Name: _____ Name: _____</p> <p style="text-align: center;">Signed: _____ Date: _____</p>	

Appendix 2: Guidance on How to Score the Intrinsic Risk Factors

No.	Intrinsic Risk Factor & Scoring Mechanism
1	<p>Complexity</p> <p>This concerns the complexity of the site, its processes and its products.</p> <p>(Note: The Site Master File (if available) and the last GMP inspection report can be useful sources of information on which to assign the Complexity score.)</p> <p>There are three possible scores here, 1, 2 and 3. Sites with a low risk factor score in this area are known to have a low level of complexity in the design of the site, in its products and processes. When scoring this Risk Factor, it is useful to consider the following:</p> <p>General but useful indicators of site complexity are:</p> <ul style="list-style-type: none"> • The size of the site – large sites are rated more complex than smaller sites • The number of different manufacturing or distribution processes that are in use at the site – larger numbers generally give rise to more complexity • The level of dedication of equipment and facilities (e.g. Air Handling Units) that is in place at the site – sites with a low level of dedication are considered more complex than other sites • The number of staff at the site – larger numbers generally give rise to more complexity • The number of commercial markets/countries supplied by the site - larger numbers generally give rise to more complexity • The number of customers supplied by the site - larger numbers generally give rise to more complexity • If the site is a contract manufacturer or contract laboratory, the site can be regarded as being relatively complex <p>General but useful indicators of process complexity are:</p> <ul style="list-style-type: none"> • Sterile and aseptic manufacturing processes – these are always considered highly complex processes. • Parametric release activities – these are usually considered highly complex processes. • The number of critical steps that must be controlled within a process – generally, processes with a high number of critical steps can be considered to be more complex processes. • The type of products manufactured – some product types such as low-concentration/high potency dosage forms and sustained released dosage forms can be more complex to manufacture than other types of products (such as immediate release tablets) and the complexity of their manufacturing process should be rated more highly here. • The number of unit operations in a non-sterile manufacturing process - larger numbers generally gives rise to more complexity. • Repackaging activities - repackaging an already packaged batch can be considered a moderately to highly complex process. • The extent of reprocessing or reworking taking place at the site: these activities can add complexity to the process • Biological processes

	<ul style="list-style-type: none"> • The extent of subcontracting in use by the site - a significant use of contract manufacturers, off-site distribution sites or contract laboratories generally gives rise to complexity. • In case of importers, the complexity of importation, batch release and product distribution processes – sometimes the arrangements in place for importation can be quite complex. <p>General but useful indicators of product complexity are:</p> <ul style="list-style-type: none"> • The number of components that make up any one product pack - larger numbers of components in a pack generally give rise to more product complexity. For example, a pack of an injectable product may have 4 components within it (a lyophilised vial, a diluent vial, a transfer needle and a technical leaflet, whereas a pack of a tablet product may have just a blister strip and a patient information leaflet within it.) • Products requiring special storage and distribution: (e.g. cold chain products and short-shelf-life products such as radiopharmaceuticals can be complex to manage.) <p>Tip: When considering product complexity, it is useful to imagine that you are holding a pack of the product in your hand and are asked: “What aspects of this product render it a complex product?”</p> <p>Scoring Guideline:</p> <p>Assign a score of 1 to sites with a low overall level of Complexity Assign a score of 2 to sites with a moderate overall level of Complexity Assign a score of 3 to sites with a high overall level of Complexity</p> <p>Note: When assigning the overall complexity rating, the rating (1, 2 or 3) which most reflects the various individual complexity ratings that were assigned to site, process and product complexity should be chosen. This is similar to taking an average of all of the individual complexity ratings that were assigned.</p> <p>In cases where there is insufficient information or knowledge about the complexity associated with the site, its processes and products, a medium score of 2 should be assigned.</p>
2	<p>Criticality:</p> <p>This concerns how critical the availability of the products manufactured by the site is from a supply perspective, or how critical the services provided by the site are. An example of a critical service provided by a site may be an analytical testing service performed for several other companies.</p> <p>(Note: The Site Master File (if available) and the last GMP inspection report can be useful sources of information on which to assign the Criticality score.)</p> <p>There are three possible scores here, 1, 2 and 3.</p> <p>Scoring Guideline:</p> <p>Assign a high score (of 3) to sites that are known to manufacture essential products or that are known to be sites that provide an essential service that is not readily available elsewhere.</p>

	<ul style="list-style-type: none"> • These may be sites that are the major or sole supplier of an essential product (such as an important vaccine, a critical blood product, etc.). Note: it is recognised that being the major or the sole supplier of an essential product does not present any risk to product quality; rather, it presents a risk to product availability. • The test methods (and related equipment) used by these sites cannot easily or readily be performed or used by other laboratories. • These may be sites that provide a contract manufacturing or testing service to a number of other manufacturers and a disruption in such services would have a significant impact on product availability. • Assign a low score (of 1) to sites that are known to manufacture only non-essential products or that are known to be sites that do not provide an essential service. • These may be sites that are not the sole supplier of any important products (such as an important vaccine, a critical blood product, etc.). • The test methods (and related equipment) used by these sites are not such that they cannot be readily performed or used by other laboratories. • These are not sites that provide a contract manufacturing or testing service to many other manufacturers, where a disruption in such services would have a significant impact on product availability. <p>Assign a medium score (of 2) to sites that are in between the above types of sites.</p> <p>Note: In cases where there is insufficient information or knowledge about the criticality associated with the site, a medium score of 2 should be assigned.</p>
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Appendix 3- Expenditure of Time

Classification of manufacturing or importation sites according to the type of product/process		Overall inspection days
1.1	Sterile Products	
	<i>1.1.1 Aseptically prepared (list of dosage forms)</i>	≥ 10
	<ul style="list-style-type: none"> 1.1.1.1 Large volume liquids 1.1.1.2 Lyophilisates 1.1.1.3 Semi-solids 1.1.1.4 Small volume liquids 1.1.1.5 Solids and implants 	
	<i>1.1.2 Terminally sterilised (list of dosage forms)</i>	≥ 8
	<ul style="list-style-type: none"> 1.1.2.1 Large volume liquids 1.1.2.2 Semi-solids 1.1.2.3 Small volume liquids 1.1.2.4 Solids and implants 	
	<i>1.1.3 Batch certification only</i>	≥ 1
1.2	Non-sterile products	
	<i>1.2.1 Non-sterile products (list of dosage forms)</i>	≥ 4
	<ul style="list-style-type: none"> 1.2.1.1 Capsules, hard shell 1.2.1.2 Capsules, soft shell 1.2.1.3 Chewing gums 1.2.1.4 Impregnated matrices 1.2.1.5 Liquids for external use 1.2.1.6 Liquids for internal use 1.2.1.7 Medicinal gases 1.2.1.8 Other solid dosage forms 1.2.1.9 Pressurised preparations 1.2.1.10 Radionuclide generators 1.2.1.11 Semi-solids 1.2.1.12 Suppositories 1.2.1.13 Tablets 1.2.1.14 Transdermal patches 1.2.1.15 Intraruminal devices 1.2.1.16 Veterinary premixes 	
	<i>1.2.2 Batch certification only</i>	≥ 1
1.3	Biological medicinal products	
	<i>1.3.1 Biological medicinal products</i>	≥ 7
	<ul style="list-style-type: none"> 1.3.1.1 Blood products 1.3.1.2 Immunological products 1.3.1.3 Cell therapy products 1.3.1.4 Gene therapy products 1.3.1.5 Biotechnology products 1.3.1.6 Human or animal extracted products 	
	<i>1.3.2 Batch certification only (list of product types)</i>	≥ 1
	<ul style="list-style-type: none"> 1.3.2.1 Blood products 1.3.2.2 Immunological products 1.3.2.3 Cell therapy products 1.3.2.4 Gene therapy products 1.3.2.5 Biotechnology products 1.3.2.6 Human or animal extracted products 	

Appendix 4: Guidance on the delay of a re-inspection based on compliance information from a trusted authority

Procedure Steps:

1a. Select sites based on the compliance risk resulting from the last inspection by the Supervisory Authority (in line with Appendix 1 Part C, and item 5.1.3. of the procedure).

1b. Determine the intrinsic risk of the site (in line with Appendix 1 Part B and item 5.1.2. of the procedure).

2. Request compliance information from a trusted authority that has inspected the site since the last inspection by the Supervisory Authority.

3. Evaluate the compliance information received from the trusted authority to establish the Current Compliance Risk (in analogy to Step 1a and Item 5.3.1 of the procedure whereby deficiencies reported by the trusted authority may have to be re-categorised in line with the EU definitions of “critical” and “major”.)

4. Delay the routine re-inspection by the Supervisory Authority in line with the below table and document this in Appendix 1 Part E.

	Step 1a	Step 1b		Step 2	Step 3	Step 4
Scenario	Compliance Risk post last inspection	Intrinsic Risk	Risk Rating	Request compliance information from a trusted authority.	Current Compliance Risk	Re-Inspection Delay (+ max. years)
Trusted Authority's domestic site but product NOT in the operational scope of a legal agreement	Low	High	B		Low	+1
	Low/Medium	Medium	A/B		Medium	+1
	Low/Medium	Medium	A		Low	+1.5
	Low/Medium	Low			Medium	+1.5
	Low/Medium	Low			Low	+2
THIRD COUNTRY ² site but product in the operational scope of a legal agreement	Low/Medium	Medium	A/B		Medium	+1
	Low/Medium	Medium	A		Low	+1.5
	Low/Medium	Low			Medium	+1.5
	Low/Medium	Low			Low	+2
THIRD COUNTRY site and product NOT in the operational scope of an agreement or no legal agreement in place	Low/Medium	Low	A		Medium	+1
	Low/Medium	Low			Low	+1.5

² Third Country = outside of the EU/EEA



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Procedures Related to GMP Inspections

Procedure for Dealing with Serious GMP Non-compliance or Voiding/Suspension of CEPS Thus Requiring Co-ordinated Administrative Action

Table of contents:

- Summary
- Definitions
- Principles
- Scope
- Responsibilities
- Types and consequences of administrative action
- Communication
- Procedure post-communication: Serious GMP Non-compliance
- Legal References
- Annex 1: Action of Authority Discovering GMP Non-Compliance
- Annex 2: Action by Authorities following Receipt of Information of GMP Non-Compliance

Title	Procedure for Dealing With Serious GMP Non-compliance or Voiding/Suspension of CEPs Thus Requiring Co-ordinated Administrative Action
Date of adoption	31 January 2010
Date of entry into force	Immediately
Supersedes	Not applicable
Reason for revision	Not applicable, new guideline
Notes	None



Procedure for Dealing with Serious GMP Non-compliance or Voiding/Suspension of CEPS Thus Requiring Co-ordinated Administrative Action

1. Summary

A consolidated procedure for dealing with all circumstances of serious GMP non-compliance, whether found at a manufacturing or import authorisation holder, third country manufacturer or active substance manufacturer is necessary to ensure a coordinated approach to potential risks to public/animal health.

This document replaces Appendix 3 of the Community procedure for the exchange of Information on Manufacturers and Manufacturing or Wholesale Distribution Authorisations between Competent Authorities in the European Economic Area. The appendix of which deals with serious GMP non-compliance found at a third country manufacturing site where co-ordinated administrative action is necessary.

Suspension or voiding of a Certificate of the European Pharmacopoeia (CEP) may be a recommended action following an inspection of an active substance manufacturer but this procedure additionally addresses action to be taken in the event of notification by EDQM that a CEP has been voided or suspended for reasons other than serious GMP non-compliance as the actions and consequences are similar.

The reporting inspectorate should enter the information on serious GMP non-compliance in EudraGMP, as referred in Article 111(6) (80(7)) of Directive 2001/83(2)/EC.

The procedure requires the inspectorate discovering serious GMP non-compliance to recommend appropriate action, involving other authorities that share supervisory responsibility in developing those recommendations, and to communicate the recommendations to all other authorities in the Community. Communication with authorities of those countries, with which the Community has made appropriate arrangements on GMP (e.g. MRA) may also be necessary.

Provision is made in the procedure for a teleconference to give authorities receiving notification of serious GMP non-compliance an opportunity to seek clarifications and to confirm the appropriateness of the recommended actions before they are implemented at Community level.

National competent authorities must take into account the information on serious GMP non-compliance received and should follow the actions recommended, where the procedure requires it to do so, unless it can justify alternative action based on specific national considerations and where those alternative actions have no impact on other Member States.

With regard to actions, directly or consequential, against marketing authorisations, the Reference Member State takes the initiative for mutual recognition/de-centralised products. The European Medicines Agency co-ordinates action for centrally authorised products. Each national competent authority takes responsibility for marketing authorisations that exist purely at national level.

2. Definitions

- 2.1 For the purposes of this procedure, serious GMP non-compliance is non-compliance with GMP that in the opinion of the reporting inspectorate is of such a nature that administrative action is necessary to remove a potential risk to public/animal health.
- 2.2 For the purposes of this procedure, administrative action is one of the actions described in section 6.

3. Principles

- 3.1 A GMP inspection report should make a clear conclusion as to whether a manufacturer or importer generally complies or not with the principles and guidelines of GMP as defined in Directive 93/2004/EC and/or 91/412/EEC and as interpreted in Guidelines on GMP published by the European Commission in Eudralex Volume 4. It is understood that a company can be considered to be in general compliance even if there is degree of non-compliance, which the inspector is satisfied can be resolved without administrative action being taken.
- 3.2 Action following the discovery of any non-compliance should be commensurate with the level of risk posed by the non-compliance. Serious non-compliance by definition requires administrative action to be taken.
- 3.3 All inspections carried out by the inspection services of any Member States are performed on behalf of the entire Community¹. The discovery of serious GMP non-compliance may have implications not only for the Member State carrying out the inspection but also other, possibly all, Member States. Therefore a mechanism that ensures consistent, co-ordinated action throughout the Community is required.
- 3.4 Although Member States may make a reasoned request to another Member State to receive an inspection report, the authority that carries out the inspection, with first-hand information is best placed to assess the potential impact of, and to manage the risk posed by, the level of GMP non-compliance discovered.
- 3.5 Exceptionally, where, following proper assessment, specific national factors alter the risk such that the agreed Community action in connection with a marketing authorisation, or a rapid alert is not considered, on balance, to be in the interest of public/animal health in any particular Member State, that Member State may, in accordance with Community legislation, decide to take alternative action to that proposed by the Member State revealing the serious GMP non-compliance.
- 3.6 With regard to actions, directly or consequential, against marketing authorisations, the Reference Member State takes the initiative for mutual recognition/de-centralised products. The European Medicines Agency co-ordinates action for centrally authorised products. Each national competent authority takes responsibility for marketing authorisations that exist purely at national level.
- 3.7 Unnecessary communication of non-compliance should be avoided in order to make efficient use of the Community alert mechanisms.

¹ This includes inspections requested by the European Commission, the European Medicines Agency and EDQM but excludes those performed under contract to WHO. Until further notice serious non-compliance discovered during an inspection on behalf of WHO is not subject to this procedure.

4. Scope

- 4.1 Most GMP inspections reveal a degree of non-compliance and even if failures to comply are cited as being “major”, or occasionally, “critical”, matters can usually reach a satisfactory conclusion, sometimes involving follow-up inspections, without administrative action being taken. This procedure applies only when the level of non-compliance is such that the inspector concerned recommends that administrative action is taken to remove a potential risk to public/animal health and that recommendation is ratified in accordance with internal national procedures. Procedures should require the adherence to timelines that ensure that serious non-compliance is dealt with in a timely manner.
- 4.2 This procedure applies to all GMP inspections where serious GMP non-compliance is discovered whether in the territory of the Supervisory Authority or, in third countries, including inspections requested by the manufacturer, importer, European Commission, European Medicines Agency or EDQM. It applies to inspections of active substance manufacturers, manufacturers or importers of medicinal products, manufacturers or importers of investigational medicinal products as well as quality control laboratories. It applies to inspections in third countries covered under the distant assessment procedure.
- 4.3 In order to avoid unnecessary use of Community alert mechanisms, communication of serious GMP non-compliance in accordance with this procedure should not be initiated when the information and action is of no interest to any other Member State. Examples are given in 6.1.2
- 4.4 All serious GMP non-compliance relating to active substance manufacturers and all types of manufacturers located in third countries must be communicated even if it is known that no other Member State has an interest at the time as it may be important for all Member States to have the information available in the future.
- 4.5 The discovery of serious GMP non-compliance at an active substance manufacturer associated with a CEP and inspected at the request of EDQM may lead to action by EDQM in connection with the CEP, such as suspension or voiding. This procedure must nevertheless still be invoked in order to ensure coordinated, harmonised action regarding the serious GMP non-compliance itself.
- 4.6 The procedure also deals with cases where a CEP is declared void by EDQM for reasons unrelated to an inspection outcome as consequential action may be needed, which must be properly implemented and coordinated.

5. Responsibilities

- 5.1 Following a GMP inspection, the inspection report must conclude whether the inspected company complies with the principles and guidelines of GMP or not. If the conclusion is that the inspected company does not comply, then the inspector concerned should recommend what risk-mitigating action is necessary such as administrative action, including whether a rapid alert is necessary for products/batches released onto the market and/or whether a prohibition of supply should be enforced.
- 5.2 With regard to inspections relating to medicinal products and investigational medicinal products, if the authority performing the inspection is not the Supervisory Authority it should involve the Supervisory Authority before issuing any non-compliance report so that any proposed regulatory action can be initially agreed.

- 5.3 Each national competent authority should have an internal national procedure to review inspection reports from its own inspectors which recommend administrative action in order to decide whether to support the inspectors recommended action or whether alternative action is more appropriate. This decision should be reached, and if administrative action is supported, communicated to other competent authorities in accordance with this procedure, within a timeframe appropriate to the potential threat to public health.
- 5.4 The Supervisory Authority is responsible for taking action against manufacturing or import authorisation holders under its supervision and/or disciplinary action against QPs connected with manufacturing authorisations under its supervision.
- 5.5 With regard to marketing authorisations, any recommendations made by the authority reporting the serious GMP non-compliance must take account of the interests of the Community as a whole, regardless as to any specific national considerations as referred to in the principle 3.5 above.
- 5.6 With regard to actions, directly or consequential, against marketing authorisations, the Reference Member State takes the initiative for mutual recognition/de-centralised products. The European Medicines Agency co-ordinates action for centrally authorised products. Each national competent authority takes responsibility for marketing authorisations that exist purely at national level.
- 5.7 Prohibition of supply as a result of GMP non-compliance is action in connection with the marketing authorisation and responsibility should be taken as described in 5.6.
- 5.8 In the context of an MRA, partners are obliged to notify recipients of GMP certificates exchanged when those certificates are withdrawn due to GMP non-compliance. Since manufacturers themselves may also request GMP certificates to provide to MRA partner authorities Member States inspectorates should notify all MRA partners when serious GMP non-compliance has been discovered.
- 5.9 Where an inspection of an active substance manufacturer has been carried out at the request of the EDQM in connection with the CEP scheme and serious GMP non-compliance is revealed the inspectors involved should bear in mind that they have a dual responsibility. They should follow the procedures established by EDQM to determine the consequences for the CEP(s) in question, and they have an obligation to the Community to follow this procedure for notifying the serious GMP non-compliance. Every effort should be made to issue the non-compliance statement at the same time as the notification from EDQM concerning affected CEPs.
- 5.10 In cases where a CEP has been voided for non-GMP reasons EDQM notifies all national competent authorities using the agreed contact points. In its notification EDQM should indicate the reasons for voiding in order that authorities receiving the information can decide whether the quality, safety or efficacy of medicinal products already on the market is adversely affected and whether therefore a rapid alert is needed.
- 5.11 If the authority reporting the serious GMP non-compliance considers it necessary to remove products or certain batches from the market, it is responsible for issuing the Rapid Alert.

5.12 In the event that a rapid alert is necessary in response to CEP voiding or suspension in the circumstances mentioned in 5.9, 5.10 and 7.2, responsibility for issuing the rapid alert is as follows:

- For affected products subject to the Decentralised or Mutual Recognition procedures the Reference Member State;
- For centrally authorised products, the European Medicines Agency will co-ordinate in the same way as a quality defect;
- For products subject to national marketing authorisations only, a national recall may suffice. No rapid alert is necessary unless under the specific circumstances it is concluded that a class 1 defect is being handled, or, it is likely that the batches in question are on the market in other Member States.

5.13 Where the agreed action is suspension of a clinical trial each National Competent Authority authorising the trial in question should make appropriate entry into the EudraCT database.

6. Types and Consequences of Administrative Action

Some actions may lead to consequential actions. For example if a manufacturing authorisation is revoked or suspended or a CEP is voided or suspended it will have an impact on one or more marketing authorisations. Serious GMP non-compliance found at an active substance manufacturer means that manufacturing authorisation holders using the active substance in question as a starting material have failed to fulfil their legal obligations and therefore action may be taken against the manufacturing or import authorisation or QPs connected with it.

One or more of the following actions is/are possible. It is stressed that these are options and the Member States should take measures that are the most appropriate to the specific circumstances:

6.1 A Community notification of GMP non-compliance

6.1.1 Subject to the exceptions outlined in 6.1.2 an entry of non-compliance must be made into the EudraGMP database.

6.1.2 Community notification of serious GMP non-compliance is not necessary where the action to be taken is of no interest to any other Member State. Examples include:

- Action restricted to disciplining a QP;
- Action restricted to refusal to grant a manufacturing or import authorisation or application to vary a such an authorisation;
- For manufacturers or importers located in the Community, action limited to the issue of a restricted GMP certificate without corresponding action being deemed necessary, at the time, with regard to the relevant manufacturing or import authorisation.

Note: Such action would allow continued manufacture or importation but would put pressure on the authorisation holder concerned to take corrective action before steps against the manufacturing or import authorisation are taken, and the remainder of this procedure invoked. This approach is not suitable for manufacturers located in third countries since the close level of supervision implied is not feasible. Furthermore the GMP certificate for a third country manufacturer carries more weight within the Community regulatory system than it does for manufacturers subject to a Community manufacturing authorisation, where the manufacturing authorisation is the primary means of confirming GMP compliance.

- 6.2 Withdrawal of GMP certificate or Issue of GMP certificate with restricted scope
 - 6.2.1 Existing valid GMP certificates with conflicting information will be superseded and should therefore be withdrawn in accordance with the Community procedure for the issue and update of GMP certificates. In some cases if the non-compliance is partial e.g. involving a limited category of dosage forms a new GMP certificate might also be issued, but restricted as appropriate.
 - 6.2.2 A GMP certificate may be restricted for reasons other than serious GMP non-compliance, for example where a third country manufacturer is only partly inspected. However if a certificate is restricted because of serious non-compliance then this procedure must be followed and a notification of non-compliance entered into EudraGMP, unless section 6.1.2 applies.
- 6.3 Action against a manufacturing or import authorisation
 - 6.3.1 Except in the specific circumstances described in section 6.1.2, consequential administrative action will be required for any directly affected manufacturing or import authorisation; otherwise there will be an unintentional inconsistency in the information available in the EudraGMP database.
 - 6.3.2 The actions against a manufacturing or import authorisation may involve the following:
 - 6.3.2.a. Refusal to grant a manufacturing or import authorisation or an application to vary a manufacturing authorisation;
 - 6.3.2.b. Total or partial suspension or revocation of manufacturing or import authorisation.
- 6.4 Voiding or suspension of CEP
 - 6.4.1 EDQM is responsible for actions directly involving CEPs. However, if a CEP is voided, marketing authorisations depending solely on the CEP are invalid and should be suspended until the dossier is supplemented through variation with new information on the active substance. If the grounds for voiding the CEP are related to GMP non-compliance then an alternative active substance manufacturer would need to be added through a variation unless an alternative active substance manufacturer is already authorised, in which case the non-compliant active substance manufacturer should be removed through a variation.
 - 6.4.2. CEPs may be voided for reasons unrelated to inspections, for example failure to fulfil critical commitments. Upon such notification by EDQM, each Competent Authority should establish whether they have issued national marketing authorisations that depend on the CEP(s) in question, and, where relevant, whether it is a Reference Member State. The European Medicines Agency will assess any impact on centrally authorised products.

- 6.4.3 Marketing authorisations depending on the CEP are invalid and should be suspended until the dossier is supplemented through variation with new information on the active substance and should therefore be suspended, unless an alternative source of active substance is authorised which is unaffected by the voided CEP. The Reference Member State should take the initiative in taking action on marketing authorisations subject to the mutual recognition or de-centralised procedures. The European Medicines Agency will co-ordinate action relating to centralised products. Individual national competent authorities take action against the marketing authorisation in the case of products authorised solely on a national basis.
- 6.5 Action in connection with marketing authorisations
- 6.5.1 Actions that can be taken include refusal to grant a marketing authorisation or application for variation, suspension or revocation. A marketing authorisation holder may also decide to withdraw a marketing authorisation voluntarily.
- 6.5.2 In the context of this procedure actions against marketing authorisations may be a consequence of action against the manufacturing authorisation or as a result of suspension or voiding of a CEP. It is possible however that the most appropriate course of action is against the marketing authorisation(s) alone. For example, a marketing authorisation listing a seriously non-compliant third country manufacturing site may need to be suspended or revoked unless an alternative manufacturing site is already authorised. A seriously non-compliant third country manufacturing site may need to be removed from a marketing authorisation through a variation.
- 6.5.3. Automatically suspending marketing authorisations associated with a non-compliant manufacturing site, where no alternative manufacturing site is authorised may not always be the most appropriate approach since if the manufacturing activity is suspended then this alone should serve to protect public/animal health. If the suspension or revocation of the manufacturing authorisation is partial then not all marketing authorisations listing the site will be affected.
- 6.5.4 In this case the Reference Member State, for products subject to de-centralised or mutual recognition procedures, the European Commission in the case of centralised products, or the individual National Competent Authority in the case of products authorised on a national basis only takes action against the marketing authorisation.
- 6.6 Impact on clinical trials
- 6.6.1. If serious GMP non-compliance is discovered at the manufacturer or importer of investigational medicinal products the impact on any completed or ongoing clinical trials will need to be taken into account in the recommendations of the reporting inspectorate. Trials may need to be suspended. Furthermore in some cases the results of completed trials may be thrown into question. Interruption, suspension or prohibition of trial must be entered into EudraCT.
- 6.6.2 The authority that carried out the inspection should involve the sponsor as well as the manufacturer or importer in order to identify all affected trials. If trials are prematurely terminated appropriate entries in EudraCT must be made.

6.7 Rapid Alert

- 6.7.1 Based on the information in the inspection report the authority reporting the serious GMP non-compliance should decide, in addition to any other action, whether or not it is necessary to take action with respect to batches of affected product(s) already on the market or being used in clinical trials.
- 6.7.2 For CEP voiding by EDQM that is unrelated to the outcome of an inspection, the Reference Member State (or the European Medicines Agency in the exceptional case that centralised products are affected) should recommend whether any batches should be recalled and invoke any Rapid Alert based on the information provided by EDQM on the reasons for voiding or suspension in its notice of voiding/suspension or, if necessary, following discussion with EDQM.
- 6.7.3 In the context of this procedure responsibility for issuing a rapid alert is outlined in section 5.12.

6.8 Prohibition on supply

- 6.8.1 Based on the information in the inspection report the authority reporting the serious GMP non-compliance should decide, in addition to any other action, whether or not to recommend a prohibition on supply to prevent products or batches from being released to the market or for use in clinical trials.

6.9 Disciplinary measures against the Qualified Person(s)

- 6.9.1. This action can be taken by the Supervisory authority if deemed appropriate. In some cases it may be the only action considered necessary. If this is the only action taken there is no impact on other Member States (see 6.1.2).

7. Communication

7.1 Serious GMP non-compliance

- 7.1.1 Notification of serious GMP non-compliance should take place after national procedures for dealing with adverse inspection reports have been followed and the action recommended by the inspector ratified or alternative action decided upon.
- 7.1.2 In principle unilateral action by one Member State should be avoided, unless justified. In order to facilitate co-ordinated action at Community level, notification of serious GMP non-compliance should be made prior to the execution of any action. In so far as is possible, the authority that carried out the inspection revealing the non-compliance should establish the following as appropriate:
- the identity of Member States with products directly affected by the inspection findings;
 - where relevant, the Reference Member State(s);
 - whether centrally authorised products are involved;
 - the identity of other Supervisory Authorities in the case of medicinal or investigational medicinal products;
 - For investigational medicinal products the EudraCT trial reference numbers should be identified;

- In the case of active substance manufacturer whether CEPs are affected in addition to marketing authorisations directly affected.

The authority that discovers the non-compliance should involve the manufacturer concerned, the importer and trial sponsor as appropriate to gather this information. It may be necessary to issue the notice of non-compliance without complete information if the risk to patient health is considered particularly severe.

- 7.1.3 Where there is more than one Supervisory Authority they should all be consulted by the reporting authority on proposed actions before wider transmission of the non-compliance information.
 - 7.1.4 The agreed Community GMP non-compliance format should be used to report the non-compliance information to the EudraGMP database. The rapid alert distribution list should be used for this purpose.
 - 7.1.5 The GMP non-compliance notification should explain the nature of any proposed action, or where justified, action already taken.
 - 7.1.6 Any further communication with the issuing authority requesting clarification the non-compliance or providing relevant data, should be made via EudraGMP. All these questions and answers will then be available to all NCAs.
 - 7.1.7 Where relevant, a contact telephone number should be given in the notification form together with a proposed time and date for a teleconference in which all affected member states can join, and in which co-ordinated action can be ratified. EDQM should be invited to join the teleconference if a CEP is affected.
 - 7.1.8 The outcome of the teleconference, if held, should be communicated in a follow up message to confirm that the recommended action in the initial notification was agreed or to communicate any other agreed Community action. EudraGMP will be used for this once this module is operational.
 - 7.1.9 If an inspection of an active substance manufacturer has been carried out other than at the request of EDQM and serious non-compliance is found, EDQM should be included in the communication of the serious non-compliance, unless it is clear that no CEPs are affected.
 - 7.1.10 MRA partners are obliged to notify recipients of GMP certificates issued in the context of the MRA withdrawing those certificates if serious non-compliance is discovered. Third countries with which the Community has concluded an arrangement and which have been given access to EudraGMP will be notified automatically of GMP non-compliance statements placed into the database.
 - 7.1.11. The issuing authority may be modified the non-compliance information entered in EudraGMP, if necessary. Any new modification of the non-compliance information should be distributed to the rapid alert distribution list.
- 7.2 Voiding of CEPs for non-GMP reasons
- 7.2.1. In cases where a CEP has been voided for non-GMP reasons EDQM notifies all national competent authorities using the agreed contact points. In its notification EDQM should indicate the reasons for voiding in order that authorities receiving the information can decide whether the quality, safety or efficacy of medicinal products already on the market is adversely affected and whether therefore a rapid alert is needed.
Responsibilities are defined in 5.12.

8. Procedure Post-communication: Serious GMP Non-compliance

- 8.1 On receipt of a form notifying serious GMP non-compliance, either by fax or through EudraGMP, authorities should check whether nationally authorised products on their own territories are affected, and whether they are the Reference Member State for any affected products, seeking assistance from the inspectorate carrying out the inspection, if different, or the manufacturer(s) or importer(s) concerned as needed. If either applies, they should join the teleconference if there is to be one. If no teleconference is proposed, receiving authorities should, where appropriate, take the actions on its own territory that correspond with the actions proposed or already executed by the authority reporting the non-compliance. In the case of action against marketing authorisations subject to the de-centralised/mutual recognition procedures, the Reference Member State should take the initiative in following the recommendations of the Authority reporting the non-compliance. The European Medicines Agency will co-ordinate action relating to centralised products.
- 8.2 Disagreement with the actions proposed, if not resolved at the teleconference, should be dealt with through procedures established in accordance with Art. 122(90) of Directive 2001/83(2)/EC.
- 8.3 In the case of actions proposed for marketing authorisations subject to the De-centralised or Mutual Recognition procedures, CMD (h) or CMD (v) may decide to discuss the coordination of actions at a meeting of the relevant group before implementation.
- 8.4 Exceptionally, where, following proper assessment, specific national factors alter the risk such that the agreed Community action in connection with a marketing authorisation, or a rapid alert is not considered, on balance, to be in the interest of public health in any particular Member State, that Member State may decide to take alternative action to that proposed by the Member State initiating this procedure so long as this does not affect any other Member State. In such cases Art. 122(90) of Directive 2001/83(2)/EC obliges the Member State in question to notify the European Medicines Agency and the Commission. The Supervisory Authority or Reference Member State may find itself in this position but should nevertheless fulfil its responsibilities under section 5.

9. Legal References

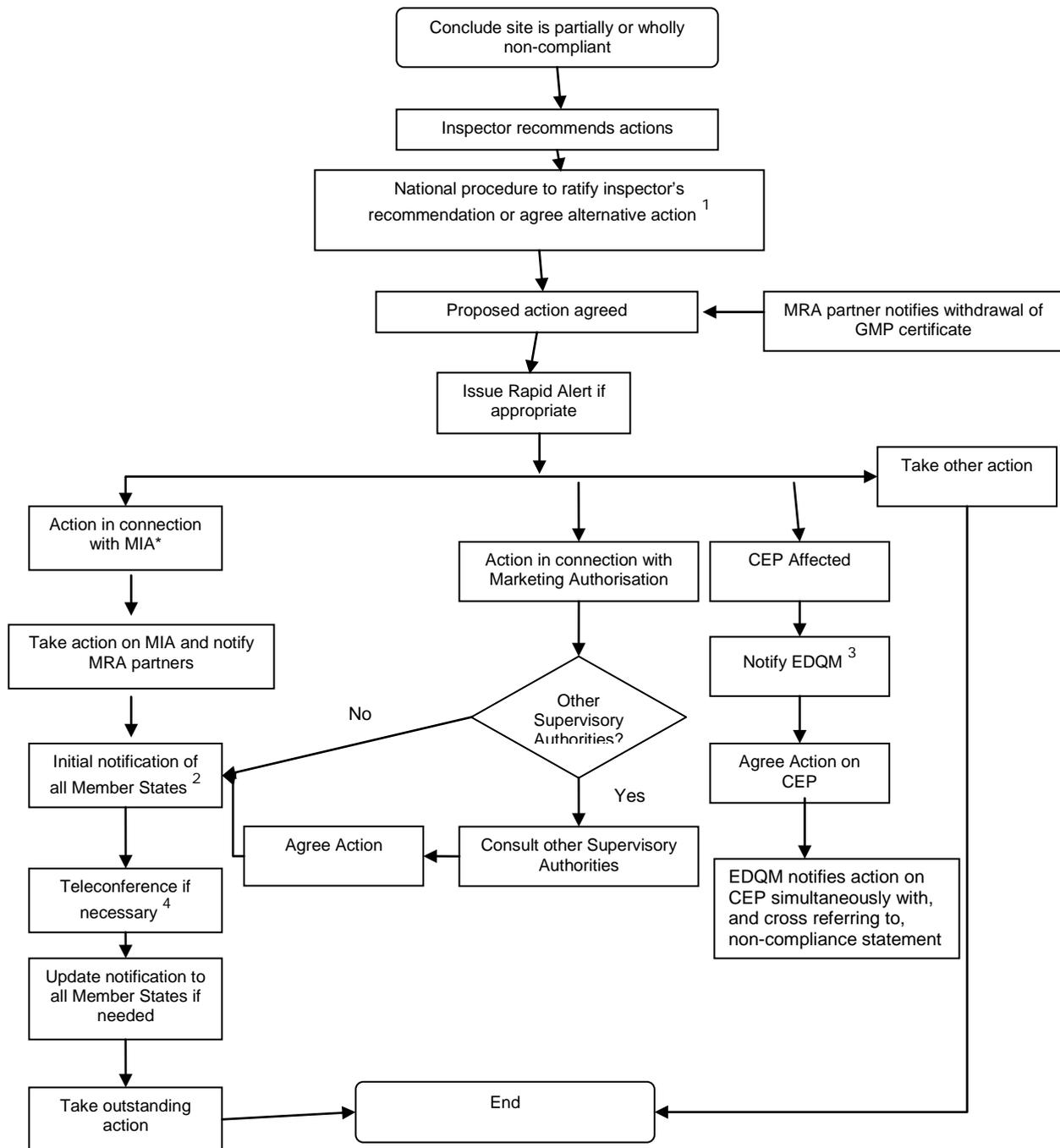
Directive 2001/83(2)/EC Title XI (VIII) Supervision and Sanctions.

Directive 2001/83(2)/EC Title XIII (X) General Provisions.

Regulation (EC) No. 726/2004 Title II Chapter 2 Supervision and Penalties, Title III Chapter 2 Supervision and Sanctions.

The Compilation of Community Procedures for Inspections and the Exchange of Information. (Art. 3.3 Directive 2003/94/EC—.

Annex 1 - Action of Authority Discovering GMP Non-Compliance



*MIA = Manufacturing / Import Authorisation

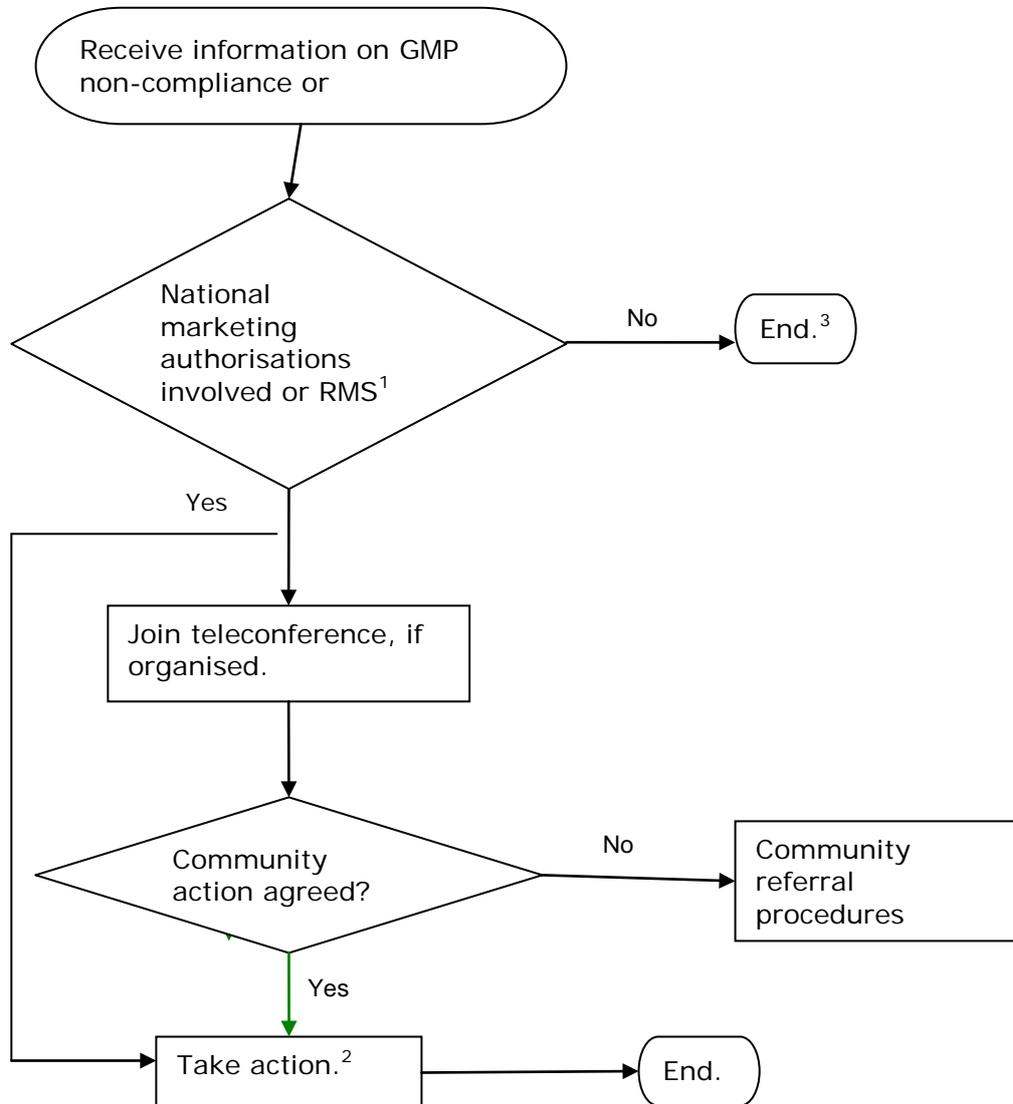
¹ If action against marketing authorisations is under consideration, the action ratified is that regarded as appropriate for the Community. If the reporting authority is not the Supervisory Authority the Supervisory Authority must be involved in the decision process.

² Via EudraGMP

³ This is the starting point for CEPs voided for reasons unrelated to a GMP inspection.

⁴ If a CEP is involved EDQM is invited to join. If desired coordination of action in respect of marketing authorisations subject to the mutual recognition or de-centralised procedures may be discussed at the next meeting of CMD(h) or CMD(v).

Annex 2 - Action by Authorities following Receipt of Information of GMP Non-Compliance



¹For centralised products the European Medicines Agency co-ordinates action.

²Reference Member States should take the agreed action at Community level.

³Notwithstanding appropriate responses to consequential rapid alerts or other consequential actions agreed at Community level.



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Procedures Related to GMP Inspections

Procedure for Dealing with Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations

Table of contents:

- Summary
- Definitions
- Principles
- Scope
- Procedures and Responsibilities

Title	Procedure for Dealing with Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations
Date of adoption	May 2012
Date of entry into force	By end November 2012
Supersedes	Not applicable
Reason for revision	Not applicable, new guideline
Notes	None



Procedure for Dealing with Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations

1. Summary

- 1.1 A consolidated procedure for dealing with all circumstances of serious GMP non-compliance information originating from third country authorities and international organisations is necessary to ensure a coordinated approach to potential risks to public/animal health. Information may refer to API, finished product or IMP manufacturers and/or QC labs located either in the EU/EEA or in a third country.
- 1.2 This document supplements the procedure in the Compilation of Community Procedures (CoCP) for dealing with serious GMP non-compliance, with regard to the receipt, dissemination and initial assessment of serious GMP non-compliance notifications which originate from third country (non-EU, non-MRA) authorities or international organisations (e.g. WHO).
- 1.3 The procedure requires the Competent Authorities in the EEA involved in the receipt and coordination of serious GMP non-compliance notifications to disseminate relevant information to all other authorities in the Community in a timely manner, to enable the scope and impact of the notification to be confirmed, and subsequent recommendations for action to be made.
- 1.4 Communication with authorities of those countries with which the Community has made appropriate arrangements on GMP (e.g. MRA) may also be necessary.

2. Definitions

- 2.1 For the purposes of this procedure, serious GMP non-compliance is non-compliance with GMP that in the opinion of the reporting authority is of such a nature that administrative action is necessary to remove a potential risk to public/animal health. It should be noted that authorities in Third Countries issuing information may not share the same understanding.

3. Principles

- 3.1 Notification of serious GMP non-compliance from a third country authority or an international organisation should be assessed to determine the impact with respect to medicinal products supplied to the Community. It is possible that the detailed GMP non-compliances identified in the notification may have limited or no impact on EU products, e.g.:
 - in cases where the issues relate to facilities or products which are not involved in EU supply, or;
 - where the non-compliances do not relate to the principles and guidelines of GMP as defined in the relevant Directives and as interpreted in Guidelines on GMP published by the European Commission in Eudralex Volume 4, or;
 - Where the impact of the identified non-compliances, as interpreted in Guidelines on GMP published in Eudralex Volume 4, do not pose a significant risk to the quality or safety of products for EU supply.

It is therefore important to determine the degree of Community impact as soon as possible following the initial notification.

- 3.2 Action following the notification of any non-compliance should be commensurate with the level of risk. Confirmation of serious non-compliance with the principles and guidelines of EU GMP by definition requires administrative action to be taken. Notification of GMP deficiencies which do not require administrative action should be recorded in the relevant Supervisory Authority's model for risk based inspection planning, in accordance with CoCP.
- 3.3 The notification of serious GMP non-compliance may have implications not only for the Member State receiving the notification but also other, possibly all, Member States. Therefore a mechanism that ensures consistent, co-ordinated action throughout the Community is important, even though the final outcome may differ based on specific national factors.

4. Scope

- 4.1 This procedure relates to the receipt, dissemination and initial assessment of information relating to serious GMP non-compliance received from third country authorities. If, following assessment of the notification, the nature and severity of non-compliance is considered to pose a potential risk to public or animal health, coordinated administrative action applicable to the situation should be considered in accordance with the detailed guidance provided in CoCP. Procedures should require the adherence to timelines that ensure that serious non-compliance is dealt with in a timely manner.
- 4.2 This procedure applies to all notifications of serious GMP non-compliance discovered by a third country authority or international organisations either in the territory of an EEA Supervisory Authority or in third countries. It applies to inspections of active substance manufacturers, manufacturers or importers of medicinal products, manufacturers or importers of investigational medicinal products as well as quality control laboratories.
- 4.3 Notifications of serious non-compliance with Good Practice in the case of human blood, blood components or tissues, when used as a starting material in medicinal products, may also follow this procedure.
- 4.4 All serious GMP non-compliance relating to active substance manufacturers and all types of manufacturers located in third countries must be communicated even if it is known that no other Member State has an interest at the time as it may be important for all Member States to have the information available in the future.

5. Procedure and Responsibilities

- 5.1 Receipt of third country Authority notification.
 - 5.1.1 A Member State who receives notification from a third country authority relating to serious GMP non-compliance at a manufacturer should ensure that sufficient information is obtained to permit an assessment of Community impact. Information should be collected using the format given in Appendix 1. The information to be recorded in this template includes:
 - Contact details of single point of contact (SPoC) from the notifying authority;
 - Manufacturer name and address;
 - SPoC for manufacturer;

- Product-related information;
 - Human / Veterinary / IMP / API / export only;
 - Products / dosage forms / buildings / lines affected;
 - Centralised / DC / MRP / national marketing authorisations / products not subject to a MA;
 - Non-compliance issues;
 - EU GMP non-compliances;
 - Third country GMP non-compliances.
- 5.1.2 The Member State which receives the initial notification may need to request further information from either the notifying third country authority, or the manufacturing site to which the notification refers, in order to ensure that the original information can be validated, and that sufficient information is obtained to permit an impact assessment in all Member States.
- 5.1.3 If an EU National Competent Authority receives a third country notification which refers to a manufacturer in its own territory, the notified National Competent Authority will take the necessary action. If the notification refers to a site in a different EU Member State, the notified National Competent Authority will forward the information to the National Competent Authority of the Member State in which the manufacturing site is located¹.
- 5.1.4 If the third country authority notification refers to a site in a third country, the Member State who receives the initial non-compliance notification is responsible for dissemination to all EU Member States and EMA, using the rapid alert single point of contact (SPoC) list².
- 5.1.5 Member States may receive further updates to the initial notification as additional information becomes available. These updates should also be circulated to ensure continuity of the information chain.
- 5.1.6 Each EU Competent Authority should have an internal national procedure to review this type of non-compliance information and determine whether there is any potential impact to products on their territory. Information relating to these products should be forwarded to the Member State who received the initial notification for collation, including information regarding product criticality (e.g. market share, and known availability of therapeutic alternatives).
- 5.1.7 The Member State who received the initial notification is responsible for arranging a teleconference with the concerned Member States to decide on the lead and on next steps. The selection of the coordinating Competent Authority will be based on a hierarchy of factors such as:

Product type	Coordinator
Centralised Product	Supervisory Authority will lead; EMA will co-ordinate actions.
DC / MRP	Supervisory Authority / Reference Member State
National Authorisation	Member State granting authorisation
IMP	Member State granting CTA
API	Supervisory Authority of API site / Coordinator responsible for the product type containing the affected API(s)

¹ Without prejudice to any confidentiality arrangements.

² Without prejudice to any confidentiality arrangements.

- 5.1.8 In cases where there are no EU-coordinated marketing authorisations but there are various National Authorisations affecting more than one Member State, the coordinating Competent Authority will be determined on the basis of product criticality or market volume. Consideration should also be given to inclusion of the Competent Authorities previously involved in GMP inspections of the site, as the Authority that has carried out previous inspections will be best placed to assess the potential impact of the level of GMP non-compliance discovered.
- 5.1.9 Contact details for the coordinating Competent Authority SPoC should be sent to the notifying third country authority and the manufacturing site to which the notification refers.
- 5.1.10 If additional information becomes available during the process which indicates that a change in coordinating Competent Authority is appropriate (e.g. due to supplementary information on affected products), this should be agreed between the initial coordinator and the proposed new coordinator. Contact details of the new coordinator should be sent to the concerned Member States, and the contacts listed in section 5.1.8 above. Care should be taken to ensure that a change in coordinator is made only where absolutely necessary, and should be clearly communicated, in order to protect against confusion or delays in the assessment process.
- 5.1.11 The coordinating Competent Authority should continue to gather further information and clarification on the detailed inspection findings, impact on EU GMP and public/animal health. Coordination of issues with Marketing Authorisation Holders (MAH) may be required at this point, in order to determine potential impact on maintaining supplies. In cases where product is certified to the market by the holder of a Manufacturing and Import Authorisation who is not the MAH, information should also be obtained from the Qualified Person. Following collation of detailed GMP non-compliance and product related information, a risk assessment should be performed to determine the actions to be taken. Further guidance on the administrative actions available for consideration is described in CoCP.
- 5.1.12 Consideration should be given with regards to whether an EU GMP inspection should be performed prior to taking any administrative action, or whether the significance of the issues notified require immediate action in the interest of public/animal health.
- 5.1.13 If the initial dissemination of information by the Member State which received the initial notification indicated that more than one Member State is affected by the notification of serious GMP non-compliance, a contact telephone number should be provided by the coordinating Competent Authority, together with a proposed time and date for a teleconference in which all affected Member States can join. This will assist in ratification of proposed administrative action. EDQM should be invited to join the teleconference if a CEP is affected.
- 5.1.14 The coordinating Competent Authority will be responsible for communicating the agreed administrative actions to the affected Member States using the template provided in the section 'Forms Used by Regulators'.
- 5.1.15 The procedure post-communication should be followed as described in CoCP. An EU GMP inspection should be performed in order to verify the third country notification of non-compliances before consideration of issuing a statement of serious GMP non-compliance. In cases where this is not possible due to a perceived enhanced physical threat to inspectors (for political reasons, health reasons or others), the use of a 'distant assessment', as described in CoCP may be an appropriate alternative means to inform the decision regarding the issuance of a statement of serious GMP non-compliance.



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Procedures Related to GDP Inspections

Guideline on Training and Qualification of Inspectors Performing Inspections of Wholesale Distributors

Table of contents

- Summary
- Scope
- Background
- Qualification and Training
- Maintenance of Competence
- Harmonisation within the EEA
- Legal References

Title	Guideline on Training and Qualification of Inspectors Performing Inspections of Wholesale Distributors
Date of adoption	November 2010
Date of entry into force	1 April 2011
Supersedes	N/A
Reason for revision	N/A
Notes	



Guideline on Training and Qualification of Inspectors Performing Inspections of Wholesale Distributors

1. Summary

Taking into account the paramount importance of the management of inspection services, this guideline establishes some requirements concerning experience, training and qualifications of inspectors performing inspections of wholesale distributors.

Objectivity, confidentiality, professional integrity, knowledge of technical matters, knowledge of legislation, and auditing skills are the main requirements of inspectors.

Inspectors should be very well trained in all aspects of the distribution of medicinal products and in the way of conducting an inspection.

The guideline provides information on minimal requirements and is intended to be supplementary to any national requirements.

2. Scope

This guideline defines the training and qualification criteria required for an inspector who shall conduct an inspection to verify compliance with the legal requirements relating to wholesale distribution¹ for the competent authority of the Member State concerned. It also identifies ongoing training needs of inspectors as they progress from 'entry level' to 'expert' across a number of inspection specialities, each speciality having their own specific technical, legislative and practical inspection training needs.

3. Background

3.1 General Aspects

Member States should appoint inspectors to inspect wholesale distributor sites concerned by Directive 2001/83/EC and 2001/82/EC. There should be sufficient resources at all levels to meet, effectively and efficiently, the EU requirements of verifying compliance with the legal requirements relating to the wholesale distribution of medicinal products.

The inspectors shall be officials of or appointed by the competent authorities of the Member States in accordance with national regulations and follow the provisions for the national competent authority.

¹ This includes compliance with Good Distribution Practice in the case of medicinal products for human use.

All inspectors should be competent to carry out their assigned duties and receive appropriate training. When needed teams of inspectors may be nominated comprising inspectors with appropriate qualifications and experience to collectively fulfil the requirements necessary for conducting the inspection.

The inspectors should be made aware of and maintain confidentiality whenever they gain access to confidential information as a result of inspections according to applicable national laws or European requirements.

3.2 Personal Qualities

The personal skills of an inspector are important in helping to achieve the objectives of the inspections.

During an inspection the inspector should help in creating a positive atmosphere. Inspectors need to remain objective during the inspection and in this context should answer questions or provide clarification but avoid entering into the role of a consultant.

The inspector should have a high personal integrity, maturity, be open-minded, understanding of complexity, possess sound judgement, assertiveness, analytical skills and tenacity and have the ability to perceive situations in a realistic way.

The inspector should have demonstrated competence in clearly and fluently expressing concepts and ideas orally and in writing in their official recognized language.

4. Qualification and Training

4.1 Qualification

Inspectors shall be qualified according to national requirements.

4.2 Training

The inspectors should undergo training to the extent necessary to ensure their competence in the skills required for planning, carrying out and reporting inspections.

Training and experience should be documented individually and evaluated within the requirements of the applicable quality system of the Competent Authority/Inspectorate.

4.2.1 Basic Training

Inspectors should be capable of demonstrating their understanding of relevant matters in the regulatory field, including:

- Good Distribution Practice (GDP);
- Good Manufacturing Practices (GMP) basic knowledge;
- Applicable EU and national legislation;
- Knowledge of the Compilation of Community Procedures;
- Knowledge of the organisation and quality system of the national competent authorities;
- Knowledge of wholesaling principles and roles of actors in the supply chain;

- The general principles of Quality Management Systems;
- Marketing, manufacturing and wholesale distribution authorisation systems and their relationships;
- Inspection techniques including skills required for managing an inspection, such as planning, organising, and evaluation of findings and reporting, communicating or providing feed back to the inspectee. These may be acquired by attending relevant course(s) and/or by accompanying and/or be guided by senior inspectors during inspections;
- Interrelation of inspection, sampling and analysis, and licensing, as appropriate;
- An awareness of trends in falsified medicines.

4.2.2 In-Service Training

After recruitment and in addition to their basic training, new inspectors should be trained by an assigned mentor. The theory of inspection should be explained and the practice should be shown in the field, so that concrete examples of the meaning and of the goals of inspections are given and can be discussed. New inspectors should participate but only as observers, in on the spot inspections carried out during their basic training.

Besides this and where needed, training courses in auditing techniques and communications, reporting, languages, legal matters and management should be organised by national inspectorates.

Prior to assuming responsibility for performing inspections of wholesale distributors the new inspector should have gained experience by participation as team member in inspections led by a senior inspector. Preferably, the inspector should start with inspections as a member of a team and then deal progressively with more complex inspections to be able to act as a team leader. This should be recorded within the requirements of the applicable quality systems of the Competent Authority/Inspectorate.

The inspector should, through suitable means, demonstrate his or her knowledge and capability of using the necessary management skills required in execution of an inspection, i.e. planning, announcing, conducting and reporting an inspection.

The inspector should document and demonstrate his or her capability to write inspection reports according to both EU and national requirements.

4.2.3 Continuous Training

Considering the expanding technologies in the wholesale distribution arena, the ever more frequent utilisation of automatic and computerised systems such as warehouse inventory management systems, inspectors should also receive continuous training. This could be achieved through participation in courses, seminars, meetings and conferences organised either by the national inspectorates or by national or international scientific organisations. When appropriate, joint inspections or training visits with other inspectors of the same Member State or of other Member States may be a useful training tool.

All inspectors performing inspections of wholesale distributors should aim to spend five days training per year. GDP aspects should be covered in this training. This ongoing training may include training inspections, courses, symposia, conferences, etc. These training days should be planned and documented.

5. Maintenance of Competence

Inspectors should have their performance and qualifications periodically reviewed and assessed within the requirements of the applicable quality system of the Competent Authority/Inspectorate. Their competence should be maintained and updated by continuous training as described in 4.2.3. This should be documented and its effectiveness assessed.

6. Harmonisation within the EEA

In order to promote international harmonisation in the interpretation of the principles and compliance, the wholesale distribution inspection program management should facilitate training activities, including on the job training, at national and international levels.

Consultations with the staff of other inspectorates and joint inspections or training visits are encouraged and may be used as a training method.

The Competent Authority/Inspectorate should also facilitate and encourage the exchange of information and practical experience gained by inspectors in the field of wholesale distribution.

7. Legal References

Directive 2001/83/EC and 201/82/EC

The Compilation of Community Procedures for Inspections and the Exchange of Information (Art. 3.3 Directive 2003/94/EC).



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Procedures Related to GDP Inspections

GDP Inspection Procedure (Medicinal Products for Human Use)

Title	GDP Inspection Procedure
Date of adoption	June 2013
Date of entry into force	1 December 2013
Supersedes	New
Reason for revision	
Notes	



GDP Inspection Procedure

1. Introduction

In accordance with Art 111 of Directive 2001/83/EC competent authorities are required to perform inspections of wholesale distributors and their premises and may also perform inspections of brokers. The purpose of this document is to provide guidance on the conduct of inspections to harmonise inspection procedures, frequency of inspections and follow-up procedures thus ensuring a consistent approach to assessment and decision-making by Competent Authorities.

2. Scope

This guideline defines the basic procedures to be followed by an inspector when preparing for and performing Good Distribution Practice inspections. It gives guidance on issuing an inspection report that should list and categorise all deficiencies found during the inspection. It describes the issue of a certificate when finalising the inspection. This document describes also how to establish the frequency of inspections.

3. General Considerations on Inspections

The primary role of the inspector is the protection of public health in accordance with Community provisions. The function of the inspector is to ensure adherence by wholesale distributors and brokers to GDP principles and guidelines and compliance with legislation.

The primary goal for the inspector should be to determine whether the various elements within the quality management system are effective and suitable for achieving compliance with GDP principles.

Inspectors should strive to create a positive atmosphere during the inspection. The inspector should be aware of his/her influence in decision making processes. The inspector should always answer questions but avoid entering the role of a consultant.

Different types of inspection may be carried out according to the activities of the company. The conduct of an inspection may vary according to its objectives and may for example focus on the general level of GDP compliance, or on a particular activity covered by the wholesale distributor.

GDP inspections may be performed before granting or modifying a wholesale distribution authorisation. Routine GDP inspections cover the assessment of GDP compliance of a site. Non-routine inspection may be conducted to check specific aspects of GDP compliance, for example investigation of complaints, recalls, quality defects, previous non-compliance or suspected falsified products.

The wide diversity of facilities together with the variety of products supplied and handled by a site means that assessment by inspectors on site of the degree of compliance with GDP is essential. A consistent approach to the evaluation of the GDP standard is required.

Inspections may disturb the normal working patterns within a company and inspectors should therefore carry out their inspection in a careful and planned manner. Inspectors should be aware of the confidential nature of their work.

4. Inspection Procedures

4.1 Planning of Inspections

The competent authority should plan inspections in advance and elaborate a programme. This programme should ensure that the frequency of inspection of individual wholesale distributors can be adhered to as planned. Sufficient and qualified resources must be determined and made available to ensure the designated programme of inspections can be carried out in an appropriate manner.

4.2 Preparation of Inspections

Prior to conducting an inspection, the inspector should familiarise him/herself with the company to be inspected according to the inspectorate's procedures. This may include the following:

- Review of documents requested prior to the inspection;
- Review of the activities conducted by the company and types of products authorised under the wholesale distribution authorisation of the company (may include internet search about the company);
- Review of reports from previous inspections and other records available;
- Review of responses (follow-up actions) as committed to by the company arising from deficiencies identified during previous inspections;
- Review of product recalls and suspected falsified medicinal products since the previous inspection;
- Review of any specific standards/guidelines associated with the site to be inspected (e.g. internal Inspectorate guidelines).

Plan the areas to be covered during the inspection and where considered appropriate, prepare a written plan. In the case of an inspection team, the lead inspector shall coordinate these activities, delegating the inspection preparation activities as he/she considers appropriate.

The inspection plan may include:

- The objectives and scope of the inspection in light of previous inspections;
- Identification of the inspection team members and their respective roles;
- Identification of the organisational units to be inspected;
- The expected time and duration for each major inspection activity (premises and equipment, personnel etc.);
- The schedule for the close-out meeting.

4.3 Announcement of Inspection

Competent Authorities have the right to inspect at any time. Prior announcement of inspection may be given. By informing in advance the day(s) for the inspection to take place and the length of time the inspector expects to be on site, the objectives of the inspection will be known to the company and the relevant personnel and documentation can be made available.

4.4 The Opening Meeting

Request an opening meeting with the management and key personnel of the company to introduce yourself and any accompanying official(s) or specialist(s) and to discuss general details of the inspection plan. Immediate site tour upon arrival may be of value in some cases, particularly where the inspection is unannounced.

During the opening meeting the inspector should:

- outline the purpose and scope of the inspection;
- identify of any hazards on site;
- review previous inspection issues and outstanding corrective / preventative actions;
- identify the activities of the company including significant changes since the last inspection;
- inform the company of the documentation which may be required during the inspection;
- if considered appropriate to the inspection request a rapid initial site tour for familiarisation with the site.

During the opening meeting the company should:

- present the management structure and quality management within the company;
- explain significant changes in premises, equipment, products and personnel since the last inspection;
- identify personnel to accompany the inspector and allocate a room to review documentation if requested.

4.5 The Inspection

During the inspection, always discuss observations as they arise to establish facts, indicate areas of concern and to assess the knowledge and competence of personnel.

A detailed plant tour may be performed to determine whether the facilities and equipment are of suitable lay-out and design and whether the way in which these are used suits the intended operations. Normally, for the first inspection of a site, the logical flow of products is followed.

It may be appropriate to concentrate effort in one department of the company if there are special problems or requirements.

The system of documentation, based on procedures and records covering the distribution operations should be checked by examining particular examples at different stages throughout the receipt, storage, assembly and dispatch process.

In order to assess compliance with the terms and conditions of the wholesale distribution authorisation the following documentation may be examined:

Quality management system related documentation:

- standard operating procedures (SOPs);
- job descriptions and personnel training records;
- supplier and customer qualification records;
- contract agreements for outsourced activities;

- system for handling a suspected falsified medicinal products;
- deviations from standard processes;
- suitability of premises.

Documentation of ongoing activities:

- review of actual operating activities and changes;
- review of supply chain;
- check of invoices correlating to supply chain;
- temperature and humidity monitoring of storage areas;
- verification of effectiveness of low temperature storage facilities;
- returned product log;
- records of product quality complaints;
- records of product recalls and mock recalls;
- self-inspection system and execution;
- review records related to transportation.

Wholesaler distributors may be inspected with regard to their capability to maintain the minimum stock of life saving medicinal products according to national law. Their internal procedures to be on stand-by in case of emergency should be critically reviewed.

Facts and objective evidence supporting the observations should preferably be agreed by the company. The company may if they so wish discuss initial proposals for remedial action but these discussions should not delay the progression of the inspection.

In the case where serious deficiencies leading to possible risk for the patient and public health are identified, immediate action should be taken. These actions may include requesting the company to complete any of the following:

- Voluntarily suspending the wholesale distribution activities/operations impacted (e.g. supply of products requiring low temperature storage);
- Quarantining and withholding from sale, supply or export any batches of medicinal products impacted;
- Initiating the recall of impacted batches of medicinal products that have already been sold, supplied or exported.

The inspector should ensure, where appropriate, that these restrictions have been implemented by the company prior to completing the inspection. This should include obtaining written statements to this effect from the appropriate personnel. This should also include commitment that the restrictions will remain in place, until the underlying deficiencies have been addressed to the satisfaction of the competent authority.

Throughout the inspection, review:

- The completeness of the inspection with respect to the original objectives;
- Conduct of the inspection with reference to the areas covered / not covered;
- Classification of deficiencies and inter-related deficiencies which may be indicative of a system failure rather than isolated incidents.

Ensure that deficiencies are discussed during the course of the inspection so that an inordinate amount of time is not taken up with discussion at the final close out meeting.

4.6 The Close-Out Meeting

The close-out meeting is a significant part of the inspection. Summarise and classify the findings of the inspection in the close-out meeting with representatives of the company. Senior management of the company should be present, where appropriate. Discuss the deficiencies observed during the inspection and their classification. Where considered necessary, discuss deadlines for remedial actions.

As far as possible all relevant observations should be reported at this meeting so that the company can initiate the necessary corrective actions at the earliest possible date.

Assess the need for a follow-up inspection based on the nature of the deficiencies observed. The company should be informed at this stage of the possible need for a follow-up inspection. In certain cases, it may be appropriate to evaluate the responses received from the company before determining if a follow up inspection is required.

In certain cases of critical non-compliance further actions may be taken against the authorisation holder or broker by the competent authority.

5. Inspection Report

The contents of the initial inspection report should be sent to the company for its comments to enable the report to be finalised within the relevant timeframe of the inspection request and to enable, if applicable the issue of a GDP certificate within the statutory 90-day timeframe.

A response with proposed corrective actions should be requested to be returned by the company in due course. These corrective actions and proposed timelines for their implementation should be considered by the inspector and a decision made on whether the entity can be considered to be compliant with GDP.

The close out of the inspection should be completed within 90 days from the last day of inspection in order to issue a certificate of good distribution practices to the inspected entity if the outcome of the inspection shows that it complies with GDP. If the inspection outcome was negative, a statement of non-compliance should be issued and regulatory actions should be considered.

The GDP certificate or the non-compliance statement shall be entered in the Union database referred to in Article 111(6) of Directive 2001/83/EC.

Inspection reports should ideally be subject to a review process, which may include:

- extent and depth of inspection;
- classification and description of deficiencies;
- actions required and timelines proposed for completion;
- clarity and relevance of the content of the report.

6. Inspection Frequency

Inspections should be carried out repeatedly to ensure compliance with GDP by the wholesale distributor and the authorised premises. The intervals between inspections should be set at a level that provides confidence that the wholesale distributor maintains continued compliance with GDP and its principles. The maximum period between inspections per site should not exceed 5 years as lack of continuity may give rise to lower awareness of current GDP or allow significant deficiencies to develop.

The activities of the individual company and its past record of GDP compliance should be taken into consideration when planning the frequency and duration of inspection. A risk based approach may be applied to establish the frequency of inspections.

Factors that could be taken into account to establish the interval between inspections might include:

- Size of site and number of staff;
- Number of customers / sales volume;
- Number of suppliers, type / category of supplier (special medicines);
- Parallel distribution / import;
- Exporter to non EU and complexity of the supply chain;
- Handling of products requiring low or high temperature storage;
- Contract activities;
- Categories of products - narcotics /non-authorised medicines in EEA / non-authorised medicines in country of company;
- Previous inspection history and compliance with GDP;
- Number and relevance of any areas not covered at previous inspection;
- Number and type of deficiencies found on previous inspections;
- Company corrective actions proposed following previous inspections;
- Complaints history, number and criticality of complaints.

The risk based approach may be used to set an inspection frequency but the date of inspection should be reviewed if significant issues are reported to the competent authority. Such issues could be staff changes, complaints, recalls, quality defects, reports of suspected falsified medicines.

Inspections in the context of granting a Wholesale Distribution Authorisation should be determined on a case by case basis.

7. Inspection of brokers

Inspections may also take place at the premises of brokers of medicinal products. These inspections would usually be for-cause inspections to investigate a suspected non-compliance with legislation and the specific provisions for brokers in the Community Guidelines on GDP. The need for an inspection could for example be identified during inspections of wholesale distributors operations or could be triggered by the following:

- Suspicion of brokering of falsified medicinal products;
- Suspicion that the broker is not located in address to which it has registered;
- Suspicion that they may be conducting activities of a wholesale distributor;
- Suspicion of brokering between unauthorised suppliers / customers;
- Suspicion that paperwork conceals the true origin or destination of the product.

The inspection of a broker should be carried out in accordance with this procedure.



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

29 February 2012
EMA/80601/2012
Compliance and Inspection

Procedures related to GDP inspections

The Issue and Update of GDP Certificates (Medicinal Products for Human Use)

Title	The Issue and Update of GDP Certificates
Date of adoption	June 2013
Date of entry into force	1 December 2013
Supersedes	New.
Reason for revision	
Notes	



The Issue and Update of GDP Certificates

1. Introduction

Article 111(5) of Directive 2001/83/EC requires a certificate of Good Distribution Practice to be issued to the wholesale distributor within 90 days of carrying out an inspection if the outcome of the inspection shows that the wholesale distributor complies with the principles and guidelines of Good Distribution Practice as provided for by Union legislation. The GDP certificates issued or the information indicating that a wholesale distributor does not comply with GDP, shall be entered into the Union database as required under Article 111(6) of Directive 2001/83 EC.

The requirement applies regardless as to whether the inspections are unannounced or routine.

This document is intended to give interpretation on aspects of responsibilities of the issue, renewal and update of GDP certificates.

2. Use of certificates

GDP certificates are for the purpose of confirming to a wholesale distributor the overall conclusion of an inspection with respect to compliance with GDP. Within the EEA they do not replace confirmation of the holding of a wholesale authorisation.

3. When GDP Certificates should be issued and Union database entry

3.1 Responsibility for Issue of GDP Certificates

Responsibility for issuing GDP certificates and placing entries into Union database rests with the competent authority.

Following each relevant inspection, a report in accordance with the Community format should be produced by the responsible inspector, which should contain a clear statement as to whether or not the wholesale distributor complies with the principles and guidelines of GDP as provided for in Community legislation.

Where this is the case, within 90 days of the last day of the inspection concerned, the competent authority should issue a GDP certificate in accordance with the Community format to the wholesale distributor that underwent the inspection.

In the case of non-compliance see the relevant Community procedure.

Each certificate should include a reference that enables traceability within the inspectorate that issued it so that the inspectorate can respond promptly to enquiries regarding authenticity.

Duplicates of valid GDP certificates may be issued in response to a request from the wholesale distributor.

3.2 Circumstances where the issue of a certificate to a wholesale distributor may not be applicable (other than in cases of failure to comply with GDP)

If the aim of any particular visit to a site is not primarily to assess compliance with GDP and the issue of a certificate is therefore not foreseen, then this should be made clear to the concerned wholesale distributor at the outset.

It may not be appropriate to issue a GDP certificate following an inspection in response to an application for, or variation to a wholesale authorisation, even if the outcome of the inspection is positive with respect to the application, particularly where approval is based upon plans and commitments rather than a direct inspection of facilities and operations.

Normally, an inspection is conducted in a single visit over a consecutive period of days but it may be split into a number of separate visits. Provided the subsequent visits occur within a reasonable period of time of the first visit, as decided by national procedures, the individual visits may collectively be considered as one inspection for which a single certificate will be issued within 90 days of the last day of the last visit. The wholesale distributor should be informed of this beforehand.

3.3 Scope of individual certificates

The certificate should include all operations deemed to be GDP compliant as a result of the inspection.

For ease of database entry and to reduce the use of free text, the Union database contains standard phrases to cover the most common situations

3.4 Responsibility for Union database entry

The competent authority may enter the details of the certificate into the Union database before or at the time the certificate itself is issued to the wholesale distributor, or as soon as possible thereafter. Database entries will have a status of draft, current or withdrawn.

4. Non-Compliance with GDP

A separate Community procedure deals with the handling of non-compliance.

5. Renewal and update of GDP Certificates

5.1 A certificate itself is not renewed, as it is a declaration of the status of GDP compliance at a particular point in time connected with a satisfactory inspection outcome. A new certificate will be issued following the next inspection, if appropriate. Entries in Union database however require a different approach.

Union database requires the Member State inputting new information to decide whether the new certificate replaces an existing entry for the site in question, in which case they must take action to withdraw the superseded information, or, whether the information is in addition to the existing information, in which case the information being supplemented should remain in the database.

However, sometimes it will be necessary to retain some of the existing information if it is not superseded following a new inspection. This would happen, for example, when the most recent inspection does not cover everything covered by the previous inspection. In this case the following action is appropriate:

Withdraw the existing certificate (or have the original issuing authority withdraw it) and re-issue it having removed the superseded information but retaining the original date of inspection.

Issue a further new certificate with new information and the most recent inspection date.

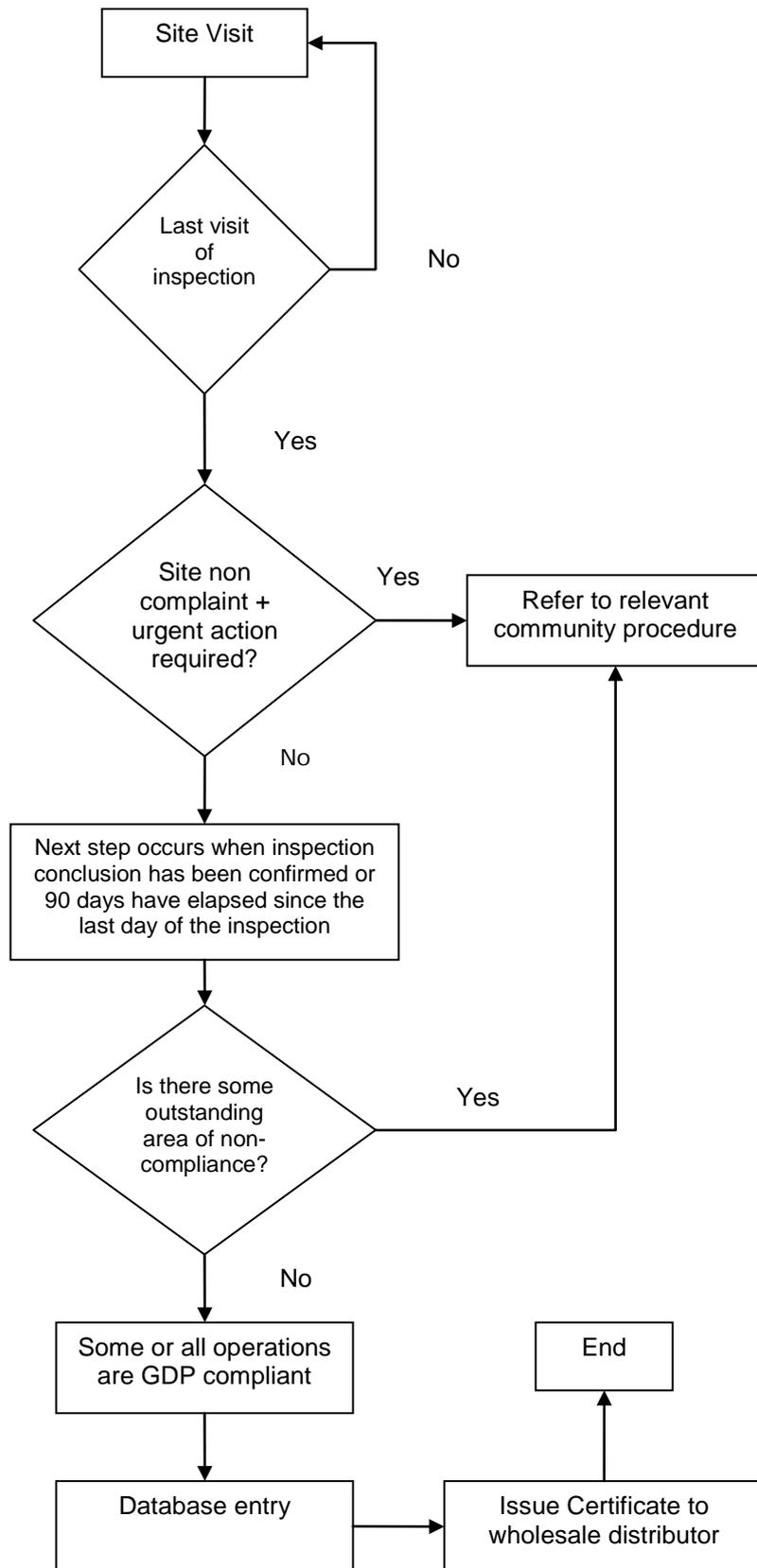
5.2 Administrative updates and re-issue

An updated certificate may be issued to a wholesale distributor and input into Union database by the authority that issued the last certificate at the request of a wholesale distributor when administrative changes occur that affect the details appearing on the certificate and where the competent authority agrees that a re-inspection is not required. An example would be a change in the name of the wholesale distributor. These new certificates will supersede the existing certificate but will maintain the original date of inspection, as an inspection will not have been carried out.

6. Closure of wholesale distribution site

Member states should take steps to ensure that when a site under its supervision ceases to operate, any GDP certificate is withdrawn from the Union database along with any wholesale distribution authorisation and non-compliance information.

Appendix





EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Interpretation Documents

Interpretation of the Union Format for Manufacturer/Importer Authorisation

Title	Interpretation of the Union Format for Manufacturer/Importer Authorisation
Date of adoption	June 2013
Date of entry into force	1 December 2013
Supersedes	New.
Reason for revision	
Notes	



Interpretation of the Union Format for Manufacturer/Importer Authorisation

Introduction

The purpose of this document is to provide guidance to industry and regulators on the interpretation of activities defined on Manufacturer's / Importer's Authorisation (MIA) issued by Competent Authorities in the EEA. The text from the 'Union Format for a Manufacturer's Authorisation' is reproduced below and where necessary, clarifying guidance text is provided under certain MIA entries in shaded text boxes. The guidance in these text boxes applies to human and veterinary medicinal products (Annex 1) and also to Investigational Medicinal Products (Annex 2). The headings in Annex 2 are not included in this document but any specific guidance which applies to IMPs only is identified where necessary. Clarifying remarks are often important in helping to define the scope of an MIA. When necessary and wherever possible these should be cross referenced to the number items within the MIA.

Union Format for Manufacturer's^{1,2} Authorisation

1. Authorisation number
2. Name of authorisation holder
3. Address(es) of manufacturing site(s)
(All authorised sites should be listed if not covered by separate licences)
4. Legally registered address of authorisation holder

Appropriate documentation should be provided by the manufacturer to the relevant Competent Authority as evidence of the name of the Authorisation Holder legally registered address. This address may differ from the address where manufacturing activities take place.

5. Scope of authorisation and dosage forms² ANNEX 1 and/ or ANNEX 2
(Separate Annexes for different sites should be used if not covered by separate licences)
6. Legal basis of authorisation

This should include reference to the national legislation which implements the legal requirement for a Manufacturer's / Importer's Authorisation as defined in the relevant Directives (2001/82/EC and 2001/83/EC)

7. Name of responsible officer of the competent authority of the member state granting the manufacturing authorisation

8. Signature

9. Date

10. Annexes attached Annex 1 and/or Annex 2

Annex 1 describes manufacturing / importation operations relating to Human or Veterinary medicines.

Annex 2 describes manufacturing / importation operations relating to Investigational Medicinal Products (IMPs)

Optional Annexes as required:

Annex 3 (Addresses of Contract Manufacturing Site(s))

Annex 4 (Addresses of Contract Laboratories)

Annex 5 (Name of Qualified Person)

Annex 6 (Name of responsible persons)

Annex 7 (Date of inspection on which authorisation granted, scope of last inspection)

Annex 8 (Manufactured/ imported products authorised)³

There are optional Annexes which may be used to various different extents by EEA Competent Authorities. The Annexes which are relevant to the MIA issued by the CA should be listed in this section.

1 The authorisation referred to in paragraph 40(1) of Directive 2001/83/EC and 44(1) of Directive 2001/82/EC, as amended, shall also be required for imports coming from third countries into a Member State.

2 Guidance on the interpretation of this template can be found in the Help menu of EudraGMP database

3 The Competent Authority is responsible for appropriate linking of the authorisation with the manufacturer's application (Art. 42(3) of Directive 2001/83/EC and Art. 46(3) of Directive 2001/82/EC as amended).

SCOPE OF AUTHORISATION (delete the sections that do not apply) ANNEX 1

Name and address of the site:

If an MIA includes a number of addresses, then, a separate Annex 1 should be completed in relation to the specific manufacturing operations carried out at each site address.

- Human Medicinal Products
- Veterinary Medicinal Products

AUTHORISED OPERATIONS

- Manufacturing Operations (according to part 1)
- Importation of medicinal products (according to part 2)

Part 1 - MANUFACTURING OPERATIONS

The scope of manufacturing operations which are authorised at the site is defined using the following unit operations. Each of the following individual operations carried out by the Authorisation holder should be identified on the MIA, as appropriate.

*Processing Operations: this includes any or all processing steps in the manufacture of a dosage form.

*Primary Packing: this refers to placing and sealing of the medicinal product within the finished product packaging material which is in direct contact with the product.

Secondary Packing: this refers to placing the medicinal product, which is already sealed within its primary packaging material within an outer packaging material. This also includes labelling operations or the assembly of other components which are specified in the Marketing Authorisation (or Product Specification File in the case of an IMP) to form the finished product pack.

Batch Certification: this refers to the certification of a finished product batch of medicinal product by a Qualified Person before its release into the market place or before a batch is exported. For an IMP, this refers to the QP certification of the batch of IMP before release to the clinical trial sponsor or before export.

Quality Control: refers to types of laboratory testing which the MIA holder is authorised to perform.

* Using the guidance described in Chapters 3 and 5 of the GMP Guide, manufacturers should evaluate materials which are handled at the site with regard to the risk posed in terms of their potency, toxicity or potential for sensitisation. If a site is authorised to carry out processing operations or primary packing activities on substances or products which are considered to be highly sensitising, highly potent or highly toxic or have a specific hazard (e.g. radiopharmaceuticals) then this should be identified in relation to the particular dosage form using the relevant items from the drop down list on EudraGMDP.

Any restrictions (e.g. if product is to be manufactured in a dedicated facility) which may apply in relation to these products should be included in the clarifying remarks with reference to the relevant dosage form.

Drop Down Menu Items from EudraGMDP

- β -Lactam antibiotics
- Other highly sensitising materials
- Live cells
- Pathogenic Organisms (Biosafety 3 or 4)
- Radiopharmaceuticals
- Ectoparasiticides
- Others (Free text entry)

Examples of products to be included under 'Other' category include

- Highly potent products
- Highly toxic products

Storage: Any site which holds an MIA and carries out processing operations or packaging of medicinal products is also understood to be authorised for storage. If a site is carrying out other manufacturing operations where storage is not automatically understood to be included, as described above, then section 1.4.3 <Other> should be used to identify storage activity

Distribution

Any site which holds an MIA and which carries out manufacturing operations on batches of medicinal products is also authorised to distribute those batches of medicinal products unless there is a comment to the contrary in the clarifying remarks

Real Time Release Testing

If a manufacturer is authorised to carry out real time release testing instead of one or more finished product tests then this should be identified as a clarifying remark in relation to the processing operations for the particular dosage form. The type of real time release testing which is authorised should also be identified in the clarifying remark. The use of Real Time Release testing should reflect any relevant requirements described in a Marketing Authorisation or Clinical Trial Application.

Note: where a category is selected which includes a provision for <free text> then relevant descriptive text must be entered in the <free text> box.

1.1 Sterile Products

1.1.1 Aseptically prepared (processing operations for the following dosage forms)

- 1.1.1.1 Large volume liquids
- 1.1.1.2 Lyophilisates
- 1.1.1.3 Semi-solids
- 1.1.1.4 Small volume liquids
- 1.1.1.5 Solids and implants
- 1.1.1.6 Other aseptically prepared products <free text>

Examples of activities to be captured under 1.1.1.6 'Other'

'Manufacture of sterile active substance' - (where this activity is normally authorised as a finished product manufacturing activity by the Competent Authority issuing the MIA).

1.1.2 Aseptically prepared (processing operations for the following dosage forms)

Where terminal sterilisation of a product is not carried out on site by the MIA holder but is contracted out to another site, a comment such as 'terminal sterilisation by gamma irradiation is outsourced to another site' should be entered in relation to that dosage form in the clarifying remarks section.

- 1.1.2.1 Large volume liquids
- 1.1.2.2 Semi-solids
- 1.1.2.3 Small volume liquids
- 1.1.2.4 Solids and implants
- 1.1.2.5 Other terminally sterilised prepared products <free text>

1.1.3 Batch certification

This is understood to apply to all sterile dosage forms unless restrictions are stated in the clarifying remarks.

1.2 Non-sterile products

1.2.1 Non-sterile products (processing operations for the following dosage forms)

- 1.2.1.1 Capsules, hard shell
- 1.2.1.2 Capsules, soft shell
- 1.2.1.3 Chewing gums
- 1.2.1.4 Impregnated matrices
- 1.2.1.5 Liquids for external use
- 1.2.1.6 Liquids for internal use
- 1.2.1.7 Medicinal gases
- 1.2.1.8 Other solid dosage forms
- 1.2.1.9 Pressurised preparations
- 1.2.1.10 Radionuclide generators
- 1.2.1.11 Semi-solids
- 1.2.1.12 Suppositories
- 1.2.1.13 Tablets
- 1.2.1.14 Transdermal patches
- 1.2.1.15 Intraruminal devices
- 1.2.1.16 Veterinary premixes
- 1.2.1.17 Other non-sterile medicinal product <free text>

1.2.1.9 'Pressurised preparations' are defined as preparations presented in special containers under pressure of a gas. If, for example, a liquid aerosol is generated by mechanical pumping action rather than a propellant then such dosage forms would be categorised as 'Liquids for external use' or 'Liquids for internal use', as appropriate.

Examples of activities to be captured under 1.2.1.17 'Other'

'Manufacture of intermediates' (*these should be specified e.g. powders for further processing*)

'Overencapsulation' (*this activity is usually applicable to IMPs and controls may differ from those used in filling a standard hard shell capsule product*)

1.2.2 *Batch certification*

This is understood to apply to all non-sterile dosage forms unless restrictions are stated in the clarifying remarks.

1.3 **Biological medicinal products**

Definition of a Biological Medicinal Product / Biological substance

Biological medicinal product: is a medicinal product, the active substance of which is a biological substance.

Biological substance: is a substance that is produced by or extracted from a biological source and that needs for its characterisation and the determination of its quality a combination of physico-chemical-biological testing, together with the production process and its control.

1.3.1 Biological Medicinal Products (List of product types)

Categorisation of Biological Products

The following product categories should be used to identify if a site is carrying out any processing steps relating to the manufacture of a biological product. The manufacture of the biological substance may be part of the continuum of processing steps in the manufacture of the finished biological product and these operations should also be captured under this section, where appropriate. Where the authorised operations also include manufacture of the finished dosage form for the biological product then the relevant dosage form should also be selected on the MIA (e.g. 1.1.1.2 Lyophilisates).

Blood products

This category should be selected where there are processing operations performed in relation to biological products containing an active substance isolated from blood. Examples of such products include albumin, plasma Factor VIII or Immunoglobulins which are isolated from blood. The processing of Factor VIII which is manufactured using a biotechnology method would not be included in this category. For a human medicine, the steps in the manufacture of a blood product which come under an MIA are those processing steps which are not covered under Directive 2002/98/EC.

Immunological products

This category should be selected where there are processing operations carried out in relation to manufacture of biological products which have an immunological mode of action (e.g. vaccines).

Cell therapy products

This category should be selected where there are processing operations carried out in relation to the manufacture of cell therapy products. The steps in the manufacture of cell therapy product which come under an MIA are those steps which are not covered under Directive 2004/23/EC.

Gene therapy products

This category should be selected where there are processing operations carried out in relation to the manufacture of gene therapy products. The steps in the manufacture of a gene therapy product which come under an MIA are those steps which are not covered under Directive 2004/23/EC.

Biotechnology products

Biotechnology includes the use of genetically modified mammalian cells or micro-organisms, (e.g. bacteria or yeasts), or biological substances (e.g. enzymes), in the manufacture a biological products. This category should be selected where there are processing operations carried out in relation to the manufacture of biological products using biotechnology.

Human or animal extracted products

This category should be selected where processing steps are carried out in relation to the manufacture of a biological product containing active substances derived from human or animal sources (cells, tissues, fluids), with the exception of blood.

Tissue engineered products

This category should be selected where processing steps are carried out in relation to the manufacture of tissue engineered products.

Other biological medicinal products (specify)

This category should be selected where processing steps are carried out in relation to manufacture of a biological product which includes a biological active substance which does not fit into the previously

- | | | |
|---------|--------------------------|---|
| 1.3.1.1 | <input type="checkbox"/> | Blood products |
| 1.3.1.2 | <input type="checkbox"/> | Immunological products |
| 1.3.1.3 | <input type="checkbox"/> | Cell therapy products |
| 1.3.1.4 | <input type="checkbox"/> | Gene therapy products |
| 1.3.1.5 | <input type="checkbox"/> | Biotechnology products |
| 1.3.1.6 | <input type="checkbox"/> | Human or animal extracted products |
| 1.3.1.7 | <input type="checkbox"/> | Tissue engineered products |
| 1.3.1.8 | <input type="checkbox"/> | Other biological medicinal products <free text> |

1.3.2 Batch certification (list of product types)

This section should be completed with regard to final QP certification of the finished dosage form of a biological product. Entries should also be made under 1.1.3 or 1.2.2, as appropriate, to reflect the type of dosage form being certified.

- 1.3.2.1 Blood products
- 1.3.2.2 Immunological products
 - 1.3.2.3 Cell therapy products
 - 1.3.2.4 Gene therapy products
 - 1.3.2.5 Biotechnology products
 - 1.3.2.6 Human or animal extracted products
 - 1.3.2.7 Tissue engineered products
 - 1.3.2.8 Other biological medicinal products <free text >

1.4 Other products or manufacturing activity

Note: where a manufacturer carries out processing steps in relation to herbal or homoeopathic dosage forms (e.g. tablets) then there should be an entry for the relevant dosage form (sections 1.1 to 1.2) in addition to the entry in the section below. Where the facility is only authorised for manufacturing operations in relation to herbal or homoeopathic products then a clarifying remark ('herbal products only' or 'homoeopathic products only') should be included in relation to the dosage forms / manufacturing operation authorised on the MIA.

1.4.1 Manufacture of:

- 1.4.1.1 Herbal products
- 1.4.1.2 Homoeopathic products
- 1.4.1.3 Other <free text >

1.4.2 Sterilisation of active substances/excipients/finished product

This section is intended to be completed where these sterilisation activities are not carried out as part of the manufacture of a dosage form, for example, where the MIA holder is a contract sterilisation facility performing gamma irradiation of products on behalf of other manufacturers.

- 1.4.2.1 Filtration
- 1.4.2.2 Dry heat
- 1.4.2.3 Moist heat
- 1.4.2.4 Chemical
- 1.4.2.5 Gamma irradiation
- 1.4.2.6 Electron beam

1.4.3 Other <free text >

Examples of activities to be listed under 1.4.3

'Storage' – (for example 'storage' would be included here where a site only carries out batch certification and storage of medicinal products)

1.5 Packaging

1.5.1 Primary packing

Primary packing of a sterile product is taken as being included as part of the processing operations covered under section 1.1 in relation to sterile products unless a comment to the contrary is entered in the clarifying remarks in relation to the particular dosage form.

- 1.5.1.1 Capsules, hard shell
- 1.5.1.2 Capsules, soft shell
- 1.5.1.3 Chewing gums
- 1.5.1.4 Impregnated matrices
- 1.5.1.5 Liquids for external use
- 1.5.1.6 Liquids for internal use
- 1.5.1.7 Medicinal gases
- 1.5.1.8 Other solid dosage forms
- 1.5.1.9 Pressurised preparations
- 1.5.1.10 Radionuclide generators
- 1.5.1.11 Semi-solids
- 1.5.1.12 Suppositories
- 1.5.1.13 Tablets
- 1.5.1.14 Transdermal patches
- 1.5.1.15 Intraruminal devices
- 1.5.1.16 Veterinary premixes
- 1.5.1.17 Other non-sterile medicinal products <free text>

Examples of activities to be captured under 1.5.1.17 'Other non-sterile medicinal products'

If the MIA holder carries out primary packing but not the actual manufacture of a dosage form (e.g. implants) which subsequently undergoes terminal sterilization, a statement as below should be entered under 'Other non-sterile medicinal products' 1.5.1.17.

'Primary packing of (*name of dosage form*) which undergoes terminal sterilisation'

1.5.2 Secondary packing

Where secondary packaging is authorised it is understood to apply to all dosage forms unless otherwise specified in the clarifying remarks.

1.6 Quality control testing

Where Quality Control testing is carried out at the site then authorised categories of testing should be identified below.

- 1.6.1 *Microbiological: sterility*
- 1.6.2 *Microbiological: non-sterility*
- 1.6.3 *Chemical/Physical*
- 1.6.4 *Biological*

Any restrictions or clarifying remarks related to the scope of these Manufacturing operations

Unless a clarifying remark is intended as a general comment relating to activities at the site, a numerical reference, as per the item listing on the MIA format, should be included wherever a clarifying remark or restriction is applied.

Remarks may be entered as confidential or public remarks. Confidential remarks may only be viewed by Competent Authorities (Registered Users) whereas public remarks are viewable by anyone.

Part 2 - IMPORTATION OF MEDICINAL PRODUCTS

2.1 Quality control testing of imported medicinal products

Where Quality Control testing is carried out at the site in relation to imported medicinal products, the authorised categories of testing should be identified below. This section should be completed, where applicable, even if entries have been made under section 1.6.

- 2.1.1 Microbiological: sterility
- 2.1.2 Microbiological: non-sterility
- 2.1.3 Chemical/Physical
- 2.1.4 Biological

2.2 Batch certification of imported medicinal products

This section should be completed where the site performs certification of either an imported finished product or a bulk dosage form which undergoes packing after importation. If the MIA holder is also the site of physical importation then an entry should also be made under 2.3.1.

For **IMP** manufacturers (Annex 2), authorisation to carry out certification of imported **comparator** products should be identified by a clarifying remark in relation to the relevant product category below.

- 2.2.1 *Sterile Products*
 - 2.2.1.1 Aseptically prepared
 - 2.2.1.2 Terminally sterilised

- 2.2.2 *Non-sterile products*

- 2.2.3 *Biological medicinal products.*

The relevant dosage form under 2.2.1 or 2.2.2 should also be identified above in addition to the category of biological product below.

- 2.2.3.1 Blood products
- 2.2.3.2 Immunological products
- 2.2.3.3 Cell therapy products
- 2.2.3.4 Gene therapy products
- 2.2.3.5 Biotechnology products
- 2.2.3.6 Human or animal extracted products
- 2.2.3.7 Tissue engineered products
- 2.2.3.8 Other biological medicinal products <free text >

2.3 Other importation activities (any other relevant importation activity that is not covered above)

- 2.3.1 *Site of physical importation*

An entry here means that the site is authorised to receive and store imported product which is awaiting QP certification. Certification must be identified separately in relation to the relevant product categories under section 2.2.

2.3.2 *Importation of intermediate which undergoes further processing*

The type of intermediate should be specified e.g. granulate, sterile active substance, partially manufactured biological product.

2.3.3 *Biological Active Substance*

2.3.4 *Other <free text>*

Any restrictions or clarifying remarks related to the scope of these Importation operations

Unless a clarifying remark is intended as a general comment relating to activities at the site, a numerical reference a, as per the item listing on the MIA format, should be included wherever a clarifying remark or restriction is applied.

Remarks may be entered as confidential or public remarks. Confidential remarks may only be viewed by Competent Authorities (Registered Users) whereas public remarks are viewable by anyone.

ANNEX 3 (Optional)

Address(es) of Contract Manufacturing Sites

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.....
.....

ANNEX 4 (Optional)

Address(es) of Contract Laboratories

.....
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ANNEX 5 (Optional)

Name(s) of Qualified Person(s)

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ANNEX 6 (Optional)

Name(s) of person(s) responsible for quality control

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Name(s) of person(s) responsible for production

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ANNEX 7 (Optional)

Date of Inspection on which authorisation was granted dd / mm / yyyy

Scope of last Inspection

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.....
.....

ANNEX 8 (Optional)

Products authorised to be manufactured/imported (in accordance with Article 41 and 42 of Directive 2001/83/EC and/or Article 45 and 46 of Directive 2001/82/EC, as amended).

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EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Forms Used by Regulators

GMP Inspection Report – Union Format

Table of contents:

- GMP Inspection report - Union format
- Definition of Significant Deficiencies

Title	GMP Inspection Report - Union Format
Date of adoption	31 January 2010
Date of entry into force	1 August 2010
Supersedes	Version in force from October 2005
Reason for revision	The format was aligned with activities and amendments made in order to enable summary reports for European Medicines Agency inspections to be discontinued



GMP Inspection Report - Union Format¹

Report Reference no.:			
Name of product(s) and pharmaceutical form(s):			
<i>Essential for inspections requested by the European Medicines Agency otherwise only necessary for product specific inspections.</i>			
Inspected site(s):			
<i>Name and full address of the inspected site, including exact location/designation of the production facilities inspected.</i>			
<i>EudraGMP reference number</i>			
<i>Site location identifier (DUNS number/GPS coordinates)</i>			
Activities carried out:			
	<i>Human</i>	<i>Veterinary</i>	<i>IMP</i>
<i>Manufacture of finished products</i>			
<i>Sterile</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Non-sterile</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Biologicals</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Sterilisation of excipient, active substance or medicinal product</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Primary packaging</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Secondary packaging</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Quality control testing</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Importing</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Batch certification</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Storage and distribution</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Manufacture of active substance</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Other _____</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection date(s):	<i>Date(s), month, year.</i>		
Inspector(s) and Expert(s):			
<i>Name(s) of the inspector(s).</i>			
<i>Name(s) of expert / assessor (if applicable).</i>			
<i>Name(s) of the Competent Authority(ies).</i>			
References:	<i>Reference number of marketing and / or manufacturing authorisations.</i>		
	<i>EMA reference number(s) if the inspection is requested by the European Medicines Agency.</i>		

¹ The Union format for a GMP inspection report has been established in accordance with Art. 47 of Directive 2004/27/EC and Art. 51 of Directive 2004/28/EC amending Directives 2001/83/EC and 2001/82/EC respectively.

Introduction:

Short description of the company and the activities of the company.

For inspections in non-EEA countries, it should be stated whether the Competent Authority of the country, where the inspection took place, was informed of the inspection and whether the Competent Authority took part in the inspection.

Date of previous inspection.

Name(s) of inspector(s) involved in previous inspection.

Major changes since the previous inspection.

Brief report of the inspection activities undertaken:

Scope of Inspection: *Short description of the inspection (product related, process related inspection and/or general GMP inspection, reference to specific dosage forms where appropriate). The reason for the inspection should be specified (e.g. new marketing application, routine, investigation of product defect)*

Inspected area(s) and main steps/history of the inspection *Each inspected area should be specified.*

Activities not inspected:

Where necessary attention should be drawn to areas or activities not subject to inspection on this occasion.

Personnel met during the inspection:

The names and titles of key personnel met should be specified (listed in annex).

Inspectors findings and observations relevant to the inspection and deficiencies:

Relevant headings from The Rules Governing Medicinal Products in the European Community, Good Manufacturing Practice for Medicinal Products Vol. IV.

This section can link the findings to the deficiencies and be used to explain classification.

The detail in the narrative of this section of the report may be reduced where a Site Master File acceptable to the reporting authority has been submitted to the Competent Authority.

Headings to be used *Overview of inspection findings from last inspection and the corrective action taken.*

New headings may be introduced when relevant

Quality Management
Personnel
Premises and Equipment
Documentation
Production
Quality Control
Contract Manufacture and Analysis
Complaints and Product Recall
Self Inspection

Distribution and shipment: *e.g. Compliance with Good Distribution Practice*

Questions raised relating to the assessment of a marketing application: *e.g. Pre-authorisation inspections*

Other specific issues identified: *e.g. Relevant future changes announced by company*

Site Master File:

Assessment of SMF if any; date of SMF

Miscellaneous:

Samples taken

Annexes attached:

List of any annexes attached

List of deficiencies classified into critical, major and others:

All deficiencies should be listed and the relevant reference to the EU GMP Guide and other relevant EU Guidelines should be mentioned.

All deficiencies found should be listed even if corrective action has taken place straight away.

If the deficiencies are related to the assessment of the marketing application it should be clearly stated.

The company should be asked to inform the Inspectorate about the proposed time schedule for corrections and on progress.

Inspectors' comments on the manufacturer's response to the inspection findings:

i.e. are the responses acceptable?

Inspectors' comments on the questions/issues raised in the assessment report

Recommendations for further actions (if any):

To the Committee requesting the inspection or to the Competent / Enforcement Authority for the site inspected.

Summary and conclusions:

The inspector(s) should state whether, within the scope of the inspection, the manufacturer or importer operates in general compliance with the requirements of Directive(s) 2003/94/EC and/or 91/412/EEC, or not, and whether the manufacturer or importer is acceptable for the products in question. (This would apply to situations where there is a degree of non-compliance but where a corrective action plan has been agreed and the inspector has no reason to believe that it will not be implemented and where there is no immediate threat to public health).

Name(s): The inspection report should be **signed and dated** by all inspector(s)/assessors having participated in the inspection.

Signatures(s):

Organisation(s):

Date:

Distribution of Report:

For inspections requested by the European Medicines Agency the inspection report should be forwarded to the Agency.

Definition of Significant Deficiencies

1 Critical Deficiency:

A deficiency which has produced, or leads to a significant risk of producing either a product which is harmful to the human or veterinary patient or a product which could result in a harmful residue in a food producing animal.

2 Major Deficiency:

A non-critical deficiency:

which has produced or may produce a product, which does not comply with its marketing authorisation;

or

which indicates a major deviation from EU Good Manufacturing Practice;

or

(within EU) which indicates a major deviation from the terms of the manufacturing authorisation;

or

which indicates a failure to carry out satisfactory procedures for release of batches or (within EU) a failure of the Qualified Person to fulfil his legal duties;

or

a combination of several "other" deficiencies, none of which on their own may be major, but which may together represent a major deficiency and should be explained and reported as such;

3. Other Deficiency:

A deficiency, which cannot be classified as either critical or major, but which indicates a departure from good manufacturing practice.

(A deficiency may be "other" either because it is judged as minor, or because there is insufficient information to classify it as a major or critical).



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
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**Public Health and Risk Assessment
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EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Forms used by Regulators

Union Basic Format for Manufacturer's Authorisation

Table of contents:

- Union Format for Manufacturers Authorisation
- ANNEXES 1 and/or 2 - Scope of Authorisation
- ANNEX 3 (Optional) - Address(es) of Contract Manufacturing Sites
- ANNEX 4 (Optional) - Address(es) of Contract Laboratories
- ANNEX 5 (Optional) - Name of Qualified Person
- ANNEX 6 (Optional) - Name of person responsible for quality control / production
- ANNEX 7 (Optional) - Date of Inspection on which authorisation granted
- ANNEX 8 (Optional) - Products authorised for manufacture/import

Title	Union Basic Format for Manufacturers Authorisation
Date of adoption	June 2012
Date of entry into force	By 2 January 2013
Supersedes	May 2006
Reason for revision	Modifications were introduced to facilitate harmonised interpretation.
Notes	



Union Format for Manufacturer's^{1,2}Authorisation

1. Authorisation number

2. Name of authorisation holder

3. Address(es) of manufacturing site(s)

(All authorised sites should be listed if not covered by separate licences)

4. Legally registered address of authorisation holder

5. Scope of authorisation and dosage forms²

ANNEX 1 and/ or ANNEX 2

(Separate Annexes for different sites should be used if not covered by separate licences)

6. Legal basis of authorisation

7. Name of responsible officer of the competent authority of the member state granting the manufacturing authorisation

8. Signature

9. Date

10. Annexes attached

Annex 1 and/or Annex 2

Optional Annexes as required:

Annex 3 (Addresses of Contract Manufacturing Site(s))

Annex 4 (Addresses of Contract Laboratories)

Annex 5 (Name of Qualified Person)

Annex 6 (Name of responsible persons)

Annex 7 (Date of inspection on which authorisation granted, scope of last inspection)

Annex 8 (Manufactured/ imported products authorised)³

¹ The authorisation referred to in paragraph 40(1) of Directive 2001/83/EC and 44(1) of Directive 2001/82/EC, as amended, shall also be required for imports coming from third countries into a Member State.

² Guidance on the interpretation of this template can be found in the Help menu of EudraGMP database

³ The Competent Authority is responsible for appropriate linking of the authorisation with the manufacturer's application (Art. 42(3) of Directive 2001/83/EC and Art. 46(3) of Directive 2001/82/EC as amended).

SCOPE OF AUTHORISATION (delete the sections that do not apply) **ANNEX 1**

Name and address of the site:

- | |
|--|
| <input type="checkbox"/> Human Medicinal Products |
| <input type="checkbox"/> Veterinary Medicinal Products |

AUTHORISED OPERATIONS

- | |
|--|
| <input type="checkbox"/> Manufacturing Operations (according to part 1) |
| <input type="checkbox"/> Importation of Medicinal Products (according to part 2) |

Part 1 - MANUFACTURING OPERATIONS

1.1	Sterile products
	<i>1.1.1 Aseptically prepared (processing operations for the following dosage forms)</i> 1.1.1.1 Large volume liquids 1.1.1.2 Lyophilisates 1.1.1.3 Semi-solids 1.1.1.4 Small volume liquids 1.1.1.5 Solids and implants 1.1.1.6 Other aseptically prepared products <free text>
	<i>1.1.2 Terminally sterilised (processing operations for the following dosage forms)</i> 1.1.2.1 Large volume liquids 1.1.2.2 Semi-solids 1.1.2.3 Small volume liquids 1.1.2.4 Solids and implants 1.1.2.5 Other terminally sterilised prepared products <free text>
	<i>1.1.3 Batch certification</i>

1.2	Non-sterile products
	<p><i>1.2.1 Non-sterile products (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.2.1.1 Capsules, hard shell 1.2.1.2 Capsules, soft shell 1.2.1.3 Chewing gums 1.2.1.4 Impregnated matrices 1.2.1.5 Liquids for external use 1.2.1.6 Liquids for internal use 1.2.1.7 Medicinal gases 1.2.1.8 Other solid dosage forms 1.2.1.9 Pressurised preparations 1.2.1.10 Radionuclide generators 1.2.1.11 Semi-solids 1.2.1.12 Suppositories 1.2.1.13 Tablets 1.2.1.14 Transdermal patches 1.2.1.15 Intraruminal devices 1.2.1.16 Veterinary premixes 1.2.1.17 Other non-sterile medicinal product <free text >
	<i>1.2.2 Batch Certification</i>
1.3	Biological medicinal products
	<p><i>1.3.1 Biological medicinal products (list of product types)</i></p> <ul style="list-style-type: none"> 1.3.1.1 Blood products 1.3.1.2 Immunological products 1.3.1.3 Cell therapy products 1.3.1.4 Gene therapy products 1.3.1.5 Biotechnology products 1.3.1.6 Human or animal extracted products 1.3.1.7 Tissue engineered products 1.3.1.8 Other biological medicinal products <free text >
	<p><i>1.3.2 Batch certification(list of product types)</i></p> <ul style="list-style-type: none"> 1.3.2.1 Blood products 1.3.2.2 Immunological products 1.3.2.3 Cell therapy products 1.3.2.4 Gene therapy products 1.3.2.5 Biotechnology products 1.3.2.6 Human or animal extracted products 1.3.2.7 Tissue engineered products 1.3.2.8 Other biological medicinal products <free text >
1.4	Other products or manufacturing activity
	<p><i>1.4.1 Manufacture of:</i></p> <ul style="list-style-type: none"> 1.4.1.1 Herbal products 1.4.1.2 Homoeopathic products 1.4.1.3 Other <free text >
	<p><i>1.4.2 Sterilisation of active substances/excipients/finished product:</i></p> <ul style="list-style-type: none"> 1.4.2.1 Filtration 1.4.2.2 Dry heat 1.4.2.3 Moist heat 1.4.2.4 Chemical 1.4.2.5 Gamma irradiation 1.4.2.6 Electron beam
	<i>1.4.3 Other <free text ></i>

1.5	Packaging
	<i>1.5.1 Primary packing</i> <ul style="list-style-type: none"> 1.5.1.1 Capsules, hard shell 1.5.1.2 Capsules, soft shell 1.5.1.3 Chewing gums 1.5.1.4 Impregnated matrices 1.5.1.5 Liquids for external use 1.5.1.6 Liquids for internal use 1.5.1.7 Medicinal gases 1.5.1.8 Other solid dosage forms 1.5.1.9 Pressurised preparations 1.5.1.10 Radionuclide generators 1.5.1.11 Semi-solids 1.5.1.12 Suppositories 1.5.1.13 Tablets 1.5.1.14 Transdermal patches 1.5.1.15 Intraruminal devices 1.5.1.16 Veterinary premixes 1.5.1.17 Other non-sterile medicinal products <free text >
	<i>1.5.2 Secondary packing</i>
1.6	Quality control testing
	<i>1.6.1 Microbiological: sterility</i>
	<i>1.6.2 Microbiological: non-sterility</i>
	<i>1.6.3 Chemical/Physical</i>
	<i>1.6.4 Biological</i>

Any restrictions or clarifying remarks related to the scope of these Manufacturing operations

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Part 2 - IMPORTATION OF MEDICINAL PRODUCTS	
2.1	Quality control testing of imported medicinal products
	<i>2.1.1 Microbiological: sterility</i>
	<i>2.1.2 Microbiological: non-sterility</i>
	<i>2.1.3 Chemical/Physical</i>
	<i>2.1.4 Biological</i>
2.2	Batch certification of imported medicinal products
	<i>2.2.1 Sterile Products</i> <ul style="list-style-type: none"> 2.2.1.1 Aseptically prepared 2.2.1.2 Terminally sterilised
	<i>2.2.2 Non-sterile products</i>
	<i>2.2.3 Biological medicinal products</i> <ul style="list-style-type: none"> 2.2.3.1 Blood products 2.2.3.2 Immunological products 2.2.3.3 Cell therapy products 2.2.3.4 Gene therapy products 2.2.3.5 Biotechnology products 2.2.3.6 Human or animal extracted products 2.2.3.7 Tissue engineered products 2.2.3.8 Other biological medicinal products <free text >
2.3	Other importation activities (any other importation activity that is not covered above)
	<i>2.3.1 Site of physical importation</i>
	<i>2.3.2 Importation of intermediate which undergoes further processing</i>
	<i>2.3.3 Biological active substance</i>
	<i>2.3.4 Other <free text></i>

Any restrictions or clarifying remarks related to the scope of these Importing operations

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SCOPE OF AUTHORISATION (delete the sections that do not apply or use yes/no)

ANNEX 2

Name and address of the site:

<input type="checkbox"/> Human Investigational Medicinal Products (optional)
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<p>AUTHORISED OPERATIONS</p> <p><input type="checkbox"/> Manufacturing Operations of Investigational Medicinal Products (according to part 1)</p> <p><input type="checkbox"/> Importation of Investigational Medicinal Products (according to part 2)</p>
--

Part 1 - MANUFACTURING OPERATIONS OF INVESTIGATIONAL MEDICINAL PRODUCTS	
1.1	Sterile investigational medicinal products
	<p><i>1.1.1 Aseptically prepared (processing operations for the following dosage forms)</i></p> <p>1.1.1.1 Large volume liquids</p> <p>1.1.1.2 Lyophilisates</p> <p>1.1.1.3 Semi-solids</p> <p>1.1.1.4 Small volume liquids</p> <p>1.1.1.5 Solids and implants</p> <p>1.1.1.6 Other aseptically prepared products <free text></p>
	<p><i>1.1.2 Terminally sterilised (processing operations for the following dosage forms)</i></p> <p>1.1.2.1 Large volume liquids</p> <p>1.1.2.2 Semi-solids</p> <p>1.1.2.3 Small volume liquids</p> <p>1.1.2.4 Solids and implants</p> <p>1.1.2.5 Other terminally sterilised prepared products <free text></p>
	<p><i>1.1.3 Batch certification</i></p>

1.2	Non-sterile investigational medicinal products
	<p><i>1.2.1 Non-sterile products (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.2.1.1 Capsules, hard shell 1.2.1.2 Capsules, soft shell 1.2.1.3 Chewing gums 1.2.1.4 Impregnated matrices 1.2.1.5 Liquids for external use 1.2.1.6 Liquids for internal use 1.2.1.7 Medicinal gases 1.2.1.8 Other solid dosage forms 1.2.1.9 Pressurised preparations 1.2.1.10 Radionuclide generators 1.2.1.11 Semi-solids 1.2.1.12 Suppositories 1.2.1.13 Tablets 1.2.1.14 Transdermal patches 1.2.1.15 Other non-sterile medicinal product <free text >
	<i>1.2.2 Batch certification</i>
1.3	Biological investigational medicinal products
	<p><i>1.3.1 Biological medicinal products (list of product types)</i></p> <ul style="list-style-type: none"> 1.3.1.1 Blood products 1.3.1.2 Immunological products 1.3.1.3 Cell therapy products 1.3.1.4 Gene therapy products 1.3.1.5 Biotechnology products 1.3.1.6 Human or animal extracted products 1.3.1.7 Tissue engineered products 1.3.1.8 Other biological medicinal products <free text >
	<p><i>1.3.2 Batch certification (list of product types)</i></p> <ul style="list-style-type: none"> 1.3.2.1 Blood products 1.3.2.2 Immunological products 1.3.2.3 Cell therapy products 1.3.2.4 Gene therapy products 1.3.2.5 Biotechnology products 1.3.2.6 Human or animal extracted products 1.3.2.7 Tissue engineered products 1.3.2.8 Other biological medicinal products <free text >
1.4	Other investigational medicinal products or manufacturing activity
	<p><i>1.4.1 Manufacture of:</i></p> <ul style="list-style-type: none"> 1.4.1.1 Herbal products 1.4.1.2 Homoeopathic products 1.4.1.3 Other <free text>
	<p><i>1.4.2 Sterilisation of active substances/excipients/finished product:</i></p> <ul style="list-style-type: none"> 1.4.2.1 Filtration 1.4.2.2 Dry heat 1.4.2.3 Moist heat 1.4.2.4 Chemical 1.4.2.5 Gamma irradiation 1.4.2.6 Electron beam
	<i>1.4.3 Other <free text></i>

1.5	Packaging
	<i>1.5.1 Primary packing</i> 1.5.1.1 Capsules, hard shell 1.5.1.2 Capsules, soft shell 1.5.1.3 Chewing gums 1.5.1.4 Impregnated matrices 1.5.1.5 Liquids for external use 1.5.1.6 Liquids for internal use 1.5.1.7 Medicinal gases 1.5.1.8 Other solid dosage forms 1.5.1.9 Pressurised preparations 1.5.1.10 Radionuclide generators 1.5.1.11 Semi-solids 1.5.1.12 Suppositories 1.5.1.13 Tablets 1.5.1.14 Transdermal patches 1.5.1.15 Other non-sterile medicinal products <free text >
	<i>1.5.2 Secondary packing</i>
1.6	Quality control testing
	<i>1.6.1 Microbiological: sterility</i>
	<i>1.6.2 Microbiological: non-sterility</i>
	<i>1.6.3 Chemical/Physical</i>
	<i>1.6.4 Biological</i>

Any restrictions or clarifying remarks related to the scope of these Manufacturing operations

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Part 2 - IMPORTATION OF INVESTIGATIONAL MEDICINAL PRODUCTS	
2.1	Quality control testing of imported investigational medicinal products
	<i>2.1.1 Microbiological: sterility</i>
	<i>2.1.2 Microbiological: non-sterility</i>
	<i>2.1.3 Chemical/Physical</i>
	<i>2.1.4 Biological</i>
2.2	Batch certification of imported investigational medicinal products
	<i>2.2.1 Sterile Products</i> 2.2.1.1 Aseptically prepared 2.2.1.2 Terminally sterilised
	<i>2.2.2 Non-sterile products</i>
	<i>2.2.3 Biological products</i> 2.2.3.1 Blood products 2.2.3.2 Immunological products 2.2.3.3 Cell therapy products 2.2.3.4 Gene therapy products 2.2.3.5 Biotechnology products 2.2.3.6 Human or animal extracted products 2.2.3.7 Tissue engineered products 2.2.3.8 Other biological medicinal products <free text >
2.3	Other importation activities
	<i>2.3.1 Site of physical importation</i>
	<i>2.3.2 Importation of intermediate which undergoes further processing</i>
	<i>2.3.3 Biological active substance</i>
	<i>2.3.4 Other <free text></i>

Any restrictions or clarifying remarks related to the scope of these Importing operations

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ANNEX 3 (Optional)

Address(es) of Contract Manufacturing Sites

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ANNEX 4 (Optional)

Address(es) of Contract Laboratories

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ANNEX 5 (Optional)

Name(s) of Qualified Person(s)

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ANNEX 6 (Optional)

Name(s) of person(s) responsible for quality control

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Name(s) of person(s) responsible for production

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ANNEX 7 (Optional)

Date of Inspection on which authorisation was granted dd / mm / yyyy

Scope of last Inspection

.....
.....
.....

ANNEX 8 (Optional)

Products authorised to be manufactured/imported (in accordance with Article 41 and 42 of Directive 2001/83/EC and/or Article 45 and 46 of Directive 2001/82/EC, as amended).

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EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Forms used by Regulators

Union Format for a GMP Certificate

Title	Union Format for a GMP Certificate
Date of adoption	June 2012
Date of entry into force	By 2 January 2013
Supersedes	May 2006 version
Reason for revision	Modifications were introduced to facilitate interpretation and accommodate entry of inspected manufacturing operations for active substances and excipients.
Notes	



CERTIFICATE OF GMP COMPLIANCE OF A MANUFACTURER^{1,2}

Part 1

<p>Issued following an inspection in accordance with Art. 111(5) of Directive 2001/83/EC or Art. 80(5) of Directive 2001/82/EC or Art. 15 of Directive 2001/20/EC*</p> <p style="text-align: center;"><i>or</i></p> <p>Issued under the provisions of the Mutual Recognition Agreement between the European Union and [MRA Partner].*</p> <p>The competent authority of [Member State] confirms the following:</p> <p>The manufacturer</p> <p>Site address.....</p> <p>.....</p> <p>Has been inspected under the national inspection programme in connection with manufacturing authorisation no. in accordance with Art. 40 of Directive 2001/83/EC/ Art. 44 of Directive 2001/82/EC/ Art. 13 of Directive 2001/20/EC* transposed in the following national legislation: *</p> <p style="text-align: center;"><i>or</i></p> <p>Has been inspected in connection with marketing authorisation(s) listing manufacturers located outside of the European Economic Area in accordance with Art. 8(2)/33(2)/19(3)/44(3)* of Regulation (EC) 726/2004* or Art. 111(4) of Directive 2001/83/EC/Art. 80(4) of Directive 2001/82/EC transposed in the following national legislation: *</p> <p style="text-align: center;"><i>and/or*</i></p> <p>Is an active substance manufacturer that has been inspected in accordance with Art. 111(1) of Directive 2001/83/EC/ Art. 80(1) of Directive 2001/82/EC* transposed in the following national legislation: *</p> <p style="text-align: center;"><i>and/or*</i></p> <p>Is an excipient manufacturer that has been inspected in accordance with Art. 111(1) of Directive 2001/83/EC* transposed in the following national legislation: *</p> <p style="text-align: center;"><i>or</i></p> <p>Other (please specify):</p>

From the knowledge gained during inspection of this manufacturer, the latest of which was conducted on / / [date], it is considered that it complies with the Good Manufacturing Practice requirements¹ referred to in the Agreement of Mutual Recognition between the European Union and [MRA partner]/The principles and guidelines of Good Manufacturing Practice laid down in Directive 2003/94/EC³/Directive 91/412/EEC³/The principles of GMP for active substances³ referred to in Article 47 of Directive 2001/83/EC / Article 51 of Directive 2001/82/EC.* an appropriate level of GMP as referred to in Article 46(f) of Directive 2001/83/EC

¹ The certificate referred to in paragraph 111(5) of Directive 2001/83/EC and 80(5) of Directive 2001/82/EC, is also applicable to importers.
² Guidance on the interpretation of this template can be found in the Help menu of EudraGMP database.
³ These requirements fulfil the GMP recommendations of WHO.

This certificate reflects the status of the manufacturing site at the time of the inspection noted above and should not be relied upon to reflect the compliance status if more than three years have elapsed since the date of that inspection. However, this period of validity may be reduced or extended using regulatory risk management principles by an entry in the Restrictions or Clarifying remarks field.

This certificate is valid only when presented with all pages and both Parts 1 and 2.

The authenticity of this certificate may be verified in EudraGMP. If it does not appear, please contact the issuing authority.

Part 2

- | |
|--|
| <input type="checkbox"/> Human Medicinal Products* |
| <input type="checkbox"/> Veterinary Medicinal Products* |
| <input type="checkbox"/> Human Investigational Medicinal Products* |

1 MANUFACTURING OPERATIONS - MEDICINAL PRODUCTS*

1.1	Sterile products
	<i>1.1.1 Aseptically prepared (processing operations for the following dosage forms)</i> <ul style="list-style-type: none">1.1.1.1 Large volume liquids1.1.1.2 Lyophilisates1.1.1.3 Semi-solids1.1.1.4 Small volume liquids1.1.1.5 Solids and implants1.1.1.6 Other aseptically prepared products <free text>
	<i>1.1.2 Terminally sterilised (processing operations for the following dosage forms)</i> <ul style="list-style-type: none">1.1.2.1 Large volume liquids1.1.2.2 Semi-solids1.1.2.3 Small volume liquids1.1.2.4 Solids and implants1.1.2.5 Other terminally sterilised prepared products <free text>
	<i>1.1.3 Batch certification</i>
1.2	Non-sterile products
	<i>1.2.1 Non-sterile products (processing operations for the following dosage forms)</i> <ul style="list-style-type: none">1.2.1.1 Capsules, hard shell1.2.1.2 Capsules, soft shell1.2.1.3 Chewing gums1.2.1.4 Impregnated matrices1.2.1.5 Liquids for external use1.2.1.6 Liquids for internal use1.2.1.7 Medicinal gases1.2.1.8 Other solid dosage forms1.2.1.9 Pressurised preparations1.2.1.10 Radionuclide generators1.2.1.11 Semi-solids1.2.1.12 Suppositories1.2.1.13 Tablets1.2.1.14 Transdermal patches1.2.1.15 Intraruminal devices1.2.1.16 Veterinary premixes1.2.1.17 Other non-sterile medicinal product <free text >
	<i>1.2.2 Batch certification</i>

1.3	Biological medicinal products
	<p><i>1.3.1 Biological medicinal products</i></p> <ul style="list-style-type: none"> 1.3.1.1 Blood products 1.3.1.2 Immunological products 1.3.1.3 Cell therapy products 1.3.1.4 Gene therapy products 1.3.1.5 Biotechnology products 1.3.1.6 Human or animal extracted products 1.3.1.7 Tissue engineered products 1.3.1.8 Other biological medicinal products <free text >
	<p><i>1.3.2 Batch certification (list of product types)</i></p> <ul style="list-style-type: none"> 1.3.2.1 Blood products 1.3.2.2 Immunological products 1.3.2.3 Cell therapy products 1.3.2.4 Gene therapy products 1.3.2.5 Biotechnology products 1.3.2.6 Human or animal extracted products 1.3.2.7 Tissue engineered products 1.3.2.8 Other biological medicinal products <free text >
1.4	Other products or processing activity
	<p><i>1.4.1 Manufacture of:</i></p> <ul style="list-style-type: none"> 1.4.1.1 Herbal products 1.4.1.2 Homoeopathic products 1.4.1.3 Other <free text >
	<p><i>1.4.2 Sterilisation of active substances/excipients/finished product:</i></p> <ul style="list-style-type: none"> 1.4.2.1 Filtration 1.4.2.2 Dry heat 1.4.2.3 Moist heat 1.4.2.4 Chemical 1.4.2.5 Gamma irradiation 1.4.2.6 Electron beam
	<p><i>1.4.3 Others <free text></i></p>
1.5	Packaging
	<p><i>1.5.1 Primary packing</i></p> <ul style="list-style-type: none"> 1.5.1.1 Capsules, hard shell 1.5.1.2 Capsules, soft shell 1.5.1.3 Chewing gums 1.5.1.4 Impregnated matrices 1.5.1.5 Liquids for external use 1.5.1.6 Liquids for internal use 1.5.1.7 Medicinal gases 1.5.1.8 Other solid dosage forms 1.5.1.9 Pressurised preparations 1.5.1.10 Radionuclide generators 1.5.1.11 Semi-solids 1.5.1.12 Suppositories 1.5.1.13 Tablets 1.5.1.14 Transdermal patches 1.5.1.15 Intraruminal devices 1.5.1.16 Veterinary premixes 1.5.1.17 Other non-sterile medicinal products <free text >
	<p><i>1.5.2 Secondary packing</i></p>

1.6	Quality control testing
	<i>1.6.1 Microbiological: sterility</i>
	<i>1.6.2 Microbiological: non-sterility</i>
	<i>1.6.3 Chemical/Physical</i>
	<i>1.6.4 Biological</i>

2 IMPORTATION OF MEDICINAL PRODUCTS*	
2.1	Quality control testing of imported medicinal products
	<i>2.1.1 Microbiological: sterility</i>
	<i>2.1.2 Microbiological: non-sterility</i>
	<i>2.1.3 Chemical/Physical</i>
	<i>2.1.4 Biological</i>
2.2	Batch certification of imported medicinal products
	<i>2.2.1 Sterile Products</i> 2.2.1.1 Aseptically prepared 2.2.1.2 Terminally sterilised
	<i>2.2.2 Non-sterile products</i>
	<i>2.2.3 Biological medicinal products</i> 2.2.3.1 Blood products 2.2.3.2 Immunological products 2.2.3.3 Cell therapy products 2.2.3.4 Gene therapy products 2.2.3.5 Biotechnology products 2.2.3.6 Human or animal extracted products 2.2.3.7 Tissue engineered products 2.2.3.8 Other biological medicinal products <free text >
2.3	Other importation activities
	<i>2.3.1 Site of physical importation</i>
	<i>2.3.2 Importation of intermediate which undergoes further processing</i>
	<i>2.3.3 Other <free text></i>

Any restrictions or clarifying remarks related to the scope of this certificate*:

.....
.....

3 MANUFACTURING OPERATIONS - ACTIVE SUBSTANCES	
Active Substance(s):	
3.1	Manufacture of Active Substance by Chemical Synthesis
	<i>3.1.1 Manufacture of active substance intermediates</i> <i>3.1.2 Manufacture of crude active substance</i> <i>3.1.3 Salt formation / Purification steps : <free text> (e.g. crystallisation)</i> <i>3.1.4 Other <free text></i>
3.2	Extraction of Active Substance from Natural Sources
	<i>3.2.1 Extraction of substance from plant source</i> <i>3.2.2 Extraction of substance from animal source</i> <i>3.2.3 Extraction of substance from human source</i> <i>3.2.4 Extraction of substance from mineral source</i> <i>3.2.5 Modification of extracted substance <specify source 1,2,3,4></i> <i>3.2.6 Purification of extracted substance <specify source 1,2,3,4 ></i> <i>3.2.7 Other <free text></i>
3.3	Manufacture of Active Substance using Biological Processes
	<i>3.3.1 Fermentation</i> <i>3.3.2 Cell Culture <specify cell type> (e.g. mammalian / bacterial)</i> <i>3.3.3 Isolation / Purification</i> <i>3.3.4 Modification</i> <i>3.3.5 Other <free text></i>
3.4	Manufacture of sterile active substance (sections 3.1, 3.2, 3.3 to be completed as applicable)
	<i>3.4.1 Aseptically prepared</i> <i>3.4.2 Terminally sterilised</i>
3.5	General Finishing Steps
	<i>3.5.1 Physical processing steps < specify > (e.g. drying, milling / micronisation, sieving)</i> <i>3.5.2 Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)</i> <i>3.5.3 Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)</i> <i>3.5.4 Other <free text> (for operations not described above)</i>
3.6	Quality Control Testing
	<i>3.6.1 Physical / Chemical testing</i> <i>3.6.2 Microbiological testing (excluding sterility testing)</i> <i>3.6.3 Microbiological testing (including sterility testing)</i> <i>3.6.4 Biological Testing</i>

4. OTHER ACTIVITIES- ACTIVE SUBSTANCES

<free text>

Any restrictions or clarifying remarks related to the scope of this certificate*:

.....
.....

...../...../..... [date]

Name and signature of the authorised person of the Competent

Authority of [country]¹

.....
.....

[name, title, national authority, phone & fax numbers]

(*): delete that which does not apply

¹ The signature, date and contact details should appear on each page of the certificate.



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Forms used by regulators

Statement of Non-Compliance with GMP

Title	Statement of Non-Compliance with GMP
Date of adoption	31 January 2010
Date of entry into force	Immediately
Supersedes	Not Applicable
Reason for revision	Not Applicable, new guideline
Notes	None



STATEMENT OF NON-COMPLIANCE WITH GMP

Exchange of information between National Competent Authorities (NCAs) of the EEA following the discovery of serious GMP non-compliance at a manufacturer¹

Part 1

Issued following an inspection in accordance with Art. 111(7) of Directive 2001/83/EC, Art. 80(7) of Directive 2001/82/EC or Art. 15 of Directive 2001/20/EC.*

The competent authority of.....[Member State] confirms the following:

The manufacturer

Site address

From the knowledge gained during inspection of this manufacturer, the latest of which was conducted on/...../..... [date], it is considered that **it does not comply with the Good Manufacturing Practice** requirements referred to in the principles and guidelines of Good Manufacturing Practice laid down in Directive 2003/94/EC/Directive 91/412/EEC/ the principles of GMP for active substances referred to in Article 47 of Directive 2001/83/EC / Article 51 of Directive 2001/82/EC / an appropriate level of GMP as referred to in Article 46(f) of Directive 2001/83/EC*

¹ The statement of non-compliance referred to in paragraph 111(7) of Directive 2001/83/EC and 80(7) of Directive 2001/82/EC, as amended, is also applicable to importers.

Part 2

<input type="checkbox"/> Human Medicinal Products*
<input type="checkbox"/> Veterinary Medicinal Products*
<input type="checkbox"/> Human Investigational Medicinal Products*

1 NON-COMPLIANT MANUFACTURING OPERATIONS- MEDICINAL PRODUCTS *	
1.1	Sterile Products
	<p><i>1.1.1 Aseptically prepared (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.1.1.1 Large volume liquids 1.1.1.2 Lyophilisates 1.1.1.3 Semi-solids 1.1.1.4 Small volume liquids 1.1.1.5 Solids and implants 1.1.1.6 Other aseptically prepared products <free text>
	<p><i>1.1.2 Terminally sterilised (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.1.2.1 Large volume liquids 1.1.2.2 Semi-solids 1.1.2.3 Small volume liquids 1.1.2.4 Solids and implants 1.1.2.5 Other terminally sterilised prepared products <free text>
	<i>1.1.3 Batch certification</i>
1.2	Non-sterile products
	<p><i>1.2.1 Non-sterile products (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.2.1.1 Capsules, hard shell 1.2.1.2 Capsules, soft shell 1.2.1.3 Chewing gums 1.2.1.4 Impregnated matrices 1.2.1.5 Liquids for external use 1.2.1.6 Liquids for internal use 1.2.1.7 Medicinal gases 1.2.1.8 Other solid dosage forms 1.2.1.9 Pressurised preparations 1.2.1.10 Radionuclide generators 1.2.1.11 Semi-solids 1.2.1.12 Suppositories 1.2.1.13 Tablets 1.2.1.14 Transdermal patches 1.2.1.15 Intraruminal devices 1.2.1.16 Veterinary premixes 1.2.1.17 Other non-sterile medicinal product <free text >
	<i>1.2.2 Batch certification</i>
1.3	Biological medicinal products

	<p>1.3.1 Biological medicinal products</p> <p>1.3.1.1 Blood products</p> <p>1.3.1.2 Immunological products</p> <p>1.3.1.3 Cell therapy products</p> <p>1.3.1.4 Gene therapy products</p> <p>1.3.1.5 Biotechnology products</p> <p>1.3.1.6 Human or animal extracted products</p> <p>1.3.1.7 Tissue engineered products</p> <p>1.3.1.8 Other biological medicinal products <free text ></p>
	<p>1.3.2 Batch certification (list of product types)</p> <p>1.3.2.1 Blood products</p> <p>1.3.2.2 Immunological products</p> <p>1.3.2.3 Cell therapy products</p> <p>1.3.2.4 Gene therapy products</p> <p>1.3.2.5 Biotechnology products</p> <p>1.3.2.6 Human or animal extracted products</p> <p>1.3.2.7 Tissue engineered products</p> <p>1.3.2.8 Other biological medicinal products <free text ></p>
1.4	Other products or manufacturing activity
	<p>1.4.1 Manufacture of:</p> <p>1.4.1.1 Herbal products</p> <p>1.4.1.2 Homoeopathic products</p> <p>1.4.1.3 Other <free text ></p>
	<p>1.4.2 Sterilisation of active substances/excipients/finished product:</p> <p>1.4.2.1 Filtration</p> <p>1.4.2.2 Dry heat</p> <p>1.4.2.3 Moist heat</p> <p>1.4.2.4 Chemical</p> <p>1.4.2.5 Gamma irradiation</p> <p>1.4.2.6 Electron beam</p>
	<p>1.4.3 Others <free text></p>
1.5	Packaging
	<p>1.5.1 Primary packing</p> <p>1.5.1.1 Capsules, hard shell</p> <p>1.5.1.2 Capsules, soft shell</p> <p>1.5.1.3 Chewing gums</p> <p>1.5.1.4 Impregnated matrices</p> <p>1.5.1.5 Liquids for external use</p> <p>1.5.1.6 Liquids for internal use</p> <p>1.5.1.7 Medicinal gases</p> <p>1.5.1.8 Other solid dosage forms</p> <p>1.5.1.9 Pressurised preparations</p> <p>1.5.1.10 Radionuclide generators</p> <p>1.5.1.11 Semi-solids</p> <p>1.5.1.12 Suppositories</p> <p>1.5.1.13 Tablets</p> <p>1.5.1.14 Transdermal patches</p> <p>1.5.1.15 Intraruminal devices</p> <p>1.5.1.16 Veterinary premixes</p> <p>1.5.1.17 Other non-sterile medicinal products <free text ></p>
	<p>1.5.2 Secondary packing</p>
1.6	Quality control testing
	<p>1.6.1 Microbiological: sterility</p>
	<p>1.6.2 Microbiological: non-sterility</p>
	<p>1.6.3 Chemical/Physical</p>
	<p>1.6.4 Biological</p>

2 NON-COMPLIANT IMPORTATION OPERATIONS*	
2.1	Quality control testing of imported medicinal products
	<i>2.1.1 Microbiological: sterility</i>
	<i>2.1.2 Microbiological: non-sterility</i>
	<i>2.1.3 Chemical/Physical</i>
	<i>2.1.4 Biological</i>
2.2	Batch certification of imported medicinal products
	2.2.1 <i>Sterile Products</i> 2.2.1.1 Aseptically prepared 2.2.1.2 Terminally sterilised
	2.2.2 <i>Non-sterile products</i>
	2.2.3 <i>Biological medicinal products</i> 2.2.3.1 Blood products 2.2.3.2 Immunological products 2.2.3.3 Cell therapy products 2.2.3.4 Gene therapy products 2.2.3.5 Biotechnology products 2.2.3.6 Human or animal extracted products 2.2.3.7 Tissue engineered products 2.2.3.8 Other biological medicinal products <free text >
2.3	Other importation activities
	<i>2.3.1 Site of physical importation</i>
	<i>2.3.2 Importation of intermediate which undergoes further processing</i>
	<i>2.3.3 Other <free text></i>

Any restrictions or clarifying remarks related to the scope of this statement*:

.....
.....

3 MANUFACTURING OPERATIONS - ACTIVE SUBSTANCES	
Active Substance(s):	
3.1	Manufacture of Active Substance by Chemical Synthesis
	<p>3.1.1 Manufacture of active substance intermediates</p> <p>3.1.2 Manufacture of crude active substance</p> <p>3.1.3 Salt formation / Purification steps : <free text> (e.g. crystallisation)</p> <p>3.1.4 Other <free text></p>
3.2	Extraction of Active Substance from Natural Sources
	<p>3.2.1 Extraction of substance from plant source</p> <p>3.2.2 Extraction of substance from animal source</p> <p>3.2.3 Extraction of substance from human source</p> <p>3.2.4 Extraction of substance from mineral source</p> <p>3.2.5 Modification of extracted substance <specify source 1,2,3,4></p> <p>3.2.6 Purification of extracted substance <specify source 1,2,3,4 ></p> <p>3.2.7 Other <free text></p>
3.3	Manufacture of Active Substance using Biological Processes
	<p>3.3.1 Fermentation</p> <p>3.3.2 Cell Culture <specify cell type> (e.g. mammalian / bacterial)</p> <p>3.3.3 Isolation / Purification</p> <p>3.3.4 Modification</p> <p>3.3.5 Other <free text></p>
3.4	Manufacture of sterile active substance (sections 3.1, 3.2, 3.3 to be completed as applicable)
	<p>3.4.1 Aseptically prepared</p> <p>3.4.2 Terminally sterilised</p>
3.5	General Finishing Steps
	<p>3.5.1 Physical processing steps < specify > (e.g. drying, milling / micronisation, sieving)</p> <p>3.5.2 Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)</p> <p>3.5.3 Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)</p> <p>3.5.4 Other <free text> (for operations not described above)</p>
3.6	Quality Control Testing
	<p>3.6.1 Physical / Chemical testing</p> <p>3.6.2 Microbiological testing (excluding sterility testing)</p> <p>3.6.3 Microbiological testing (including sterility testing)</p>

	3.6.4 Biological Testing
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4. OTHER ACTIVITIES- ACTIVE SUBSTANCES <free text>
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Any restrictions or clarifying remarks related to the scope of this statement*:

.....
.....

Part 3

1. Nature of non-compliance
<free text >
2. Action taken/proposed by the NCA
<input type="checkbox"/> Suspension/variation/revocation* of the manufacturing authorisation No. in full/in part* <free text >
<input type="checkbox"/> Restriction of current valid GMP certificate No. <free text >
<input type="checkbox"/> Suspension/revocation/requested variation/ refusal to grant * of Marketing Authorisation(s) <free text >
<input type="checkbox"/> Recall of batches already released (separate Rapid Alert to follow) <free text >
<input type="checkbox"/> Prohibition of supply <free text >
<input type="checkbox"/> Suspension or voiding of CEP (action to be taken by EDQM) <free text >
<input type="checkbox"/> Suspension of clinical trials <free text >
<input type="checkbox"/> Others <free text > <free text >
3. Additional comments
<free text >

Teleconference Date		Teleconference Time (CET)		Dial in no.	
Products manufactured at site, if known	Product	Dosage Form	Reference Member State, National or EMEA		
Human medicinal product(s)					
Veterinary medicinal product(s)					
Investigational medicinal product(s)	EudraCT nos.				

...../...../..... [date]

Name and signature of the authorised person of the Competent Authority of [country]¹

.....

[Name, title, national authority, phone & fax numbers in case of enquiries]

¹ The signature, date and contact details should appear on each page of the non-compliance document.



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Forms used by regulators

Notification of Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations

Title	Notification of Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations
Date of adoption	May 2012
Date of entry into force	By end November 2012
Supersedes	Not Applicable
Reason for revision	Not Applicable, new guideline
Notes	None



(LETTERHEAD OF COMPETENT AUTHORITY)

Report No: ___/___/___/___

NOTIFICATION OF SERIOUS GMP NON-COMPLIANCE INFORMATION ORIGINATING FROM THIRD COUNTRY AUTHORITIES OR INTERNATIONAL ORGANISATIONS¹

Exchange of information between National Competent Authorities (NCAs) of the EEA following notification of serious GMP non-compliance at a manufacturer.

Part 1

Issued by the competent authority of[Member State] following notification from a third country authority or international organisation in accordance with reference to CoCP here.

.....[third country authority / International organisation name] reports the following:

The manufacturer.....

Site address.....

DUNS Number (if known).....

Site contact name, title, email, phone and fax number

Third country authority / international organisation contact name, title, email, phone and fax number

From the knowledge gained during inspection of this manufacturer, the latest of which was conducted on/...../..... [date], or from verified information it is considered that **it does not comply with the Good Manufacturing Practice** requirements referred to in the principles and guidelines of Good Manufacturing Practice laid down in.....[third country / international GMP standards or regulations used for assessment] , relating to medicinal products/ active substances/ excipients*

¹ To be filled in following the 'Procedure for Dealing with Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations' 107

Part 2

- Human Medicinal Products*
 Veterinary Medicinal Products*
 Human Investigational Medicinal Products*

1 NON-COMPLIANT MANUFACTURING OPERATIONS – MEDICINAL PRODUCTS *

1.1	<i>Sterile Products</i>
	<p><i>1.1.4 Aseptically prepared (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.1.1.7 Large volume liquids 1.1.1.8 Lyophilisates 1.1.1.9 Semi-solids 1.1.1.10 Small volume liquids 1.1.1.11 Solids and implants 1.1.1.12 Other aseptically prepared products <free text>
	<p><i>1.1.5 Terminally sterilised (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.1.2.6 Large volume liquids 1.1.2.7 Semi-solids 1.1.2.8 Small volume liquids 1.1.2.9 Solids and implants 1.1.2.10 Other terminally sterilised prepared products <free text>
	<i>1.1.6 Batch certification</i>
1.2	Non-sterile products
	<p><i>1.2.3 Non-sterile products (processing operations for the following dosage forms)</i></p> <ul style="list-style-type: none"> 1.2.3.1 Capsules, hard shell 1.2.3.2 Capsules, soft shell 1.2.3.3 Chewing gums 1.2.3.4 Impregnated matrices 1.2.3.5 Liquids for external use 1.2.3.6 Liquids for internal use 1.2.3.7 Medicinal gases 1.2.3.8 Other solid dosage forms 1.2.3.9 Pressurised preparations 1.2.3.10 Radionuclide generators 1.2.3.11 Semi-solids 1.2.3.12 Suppositories 1.2.3.13 Tablets 1.2.3.14 Transdermal patches 1.2.3.15 Intraruminal devices 1.2.3.16 Veterinary premixes 1.2.3.17 Other non-sterile medicinal product <free text >
	<i>1.2.4 Batch certification</i>
1.3	Biological medicinal products

	<p>1.3.3 Biological medicinal products</p> <p>1.3.3.1 Blood products 1.3.3.2 Immunological products 1.3.3.3 Cell therapy products 1.3.3.4 Gene therapy products 1.3.3.5 Biotechnology products 1.3.3.6 Human or animal extracted products 1.3.3.7 Tissue engineered products 1.3.3.8 Other biological medicinal products <free text ></p>
	<p>1.3.4 Batch certification (list of product types)</p> <p>1.3.4.1 Blood products 1.3.4.2 Immunological products 1.3.4.3 Cell therapy products 1.3.4.4 Gene therapy products 1.3.4.5 Biotechnology products 1.3.4.6 Human or animal extracted products 1.3.4.7 Tissue engineered products 1.3.4.8 Other biological medicinal products <free text ></p>
1.4	Other products or manufacturing activity
	<p>1.4.3 Manufacture of:</p> <p>1.4.3.1 Herbal products 1.4.3.2 Homoeopathic products 1.4.1.3 Other <free text ></p>
	<p>1.4.4 Sterilisation of active substances/excipients/finished product:</p> <p>1.4.4.1 Filtration 1.4.4.2 Dry heat 1.4.4.3 Moist heat 1.4.4.4 Chemical 1.4.4.5 Gamma irradiation 1.4.4.6 Electron beam</p>
	<p>1.4.5 Others <free text></p>
1.5	Packaging
	<p>1.5.3 Primary packing</p> <p>1.5.1.18 Capsules, hard shell 1.5.1.19 Capsules, soft shell 1.5.1.20 Chewing gums 1.5.1.21 Impregnated matrices 1.5.1.22 Liquids for external use 1.5.1.23 Liquids for internal use 1.5.1.24 Medicinal gases 1.5.1.25 Other solid dosage forms 1.5.1.26 Pressurised preparations 1.5.1.27 Radionuclide generators 1.5.1.28 Semi-solids 1.5.1.29 Suppositories 1.5.1.30 Tablets 1.5.1.31 Transdermal patches 1.5.1.32 Intraruminal devices 1.5.1.33 Veterinary premixes 1.5.1.34 Other non-sterile medicinal products <free text ></p>
	<p>1.5.4 Secondary packing</p>

1.6	Quality control testing
	1.6.5 Microbiological: sterility 1.6.6 Microbiological: non-sterility 1.6.7 Chemical/Physical 1.6.8 Biological

2 NON-COMPLIANT IMPORTATION OPERATIONS*	
2.1	Quality control testing of imported medicinal products
	2.1.5 Microbiological: sterility 2.1.6 Microbiological: non-sterility 2.1.7 Chemical/Physical 2.1.8 Biological
2.2	Batch certification of imported medicinal products
	2.2.4 <i>Sterile Products</i> 2.2.4.1 Aseptically prepared 2.2.4.2 Terminally sterilised
	2.2.5 <i>Non-sterile products</i>
	2.2.6 <i>Biological medicinal products</i> 2.2.3.9 Blood products 2.2.3.10 Immunological products 2.2.3.11 Cell therapy products 2.2.3.12 Gene therapy products 2.2.3.13 Biotechnology products 2.2.3.14 Human or animal extracted products 2.2.3.15 Tissue engineered products 2.2.3.16 Other biological medicinal products <free text >
2.3	Other importation activities
	2.3.1 <i>Site of physical importation</i>
	2.3.2 <i>Importation of intermediate which undergoes further processing</i>
	2.3.3 <i>Other <free text></i>

Any restrictions or clarifying remarks related to the scope of this notification*:

3 MANUFACTURING OPERATIONS - ACTIVE SUBSTANCES	
Active Substance(s):	
3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1 <i>Manufacture of active substance intermediates</i> 3.1.2 <i>Manufacture of crude active substance</i> 3.1.3 <i>Salt formation / Purification steps : <free text> (e.g. crystallisation)</i> 3.1.4 <i>Other <free text></i>
3.2	Extraction of Active Substance from Natural Sources
	3.2.1 <i>Extraction of substance from plant source</i> 3.2.2 <i>Extraction of substance from animal source</i> 3.2.3 <i>Extraction of substance from human source</i> 3.2.4 <i>Extraction of substance from mineral source</i> 3.2.5 <i>Modification of extracted substance <specify source 1,2,3,4></i> 3.2.6 <i>Purification of extracted substance <specify source 1,2,3,4 ></i> 3.2.7 <i>Other <free text></i>
3.3	Manufacture of Active Substance using Biological Processes
	3.3.1 <i>Fermentation</i> 3.3.2 <i>Cell Culture <specify cell type> (e.g. mammalian / bacterial)</i> 3.3.3 <i>Isolation / Purification</i> 3.3.4 <i>Modification</i> 3.3.5 <i>Other <free text></i>
3.4	Manufacture of sterile active substance (sections 3.1, 3.2, 3.3 to be completed as applicable)
	3.4.1 <i>Aseptically prepared</i> 3.4.2 <i>Terminally sterilised</i>
3.5	General Finishing Steps
	3.5.1 <i>Physical processing steps < specify > (e.g. drying, milling / micronisation, sieving)</i> 3.5.2 <i>Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)</i> 3.5.3 <i>Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)</i> 3.5.4 <i>Other <free text> (for operations not described above)</i>
3.6	Quality Control Testing
	3.6.1 <i>Physical / Chemical testing</i> 3.6.2 <i>Microbiological testing (excluding sterility testing)</i> 3.6.3 <i>Microbiological testing (including sterility testing)</i> 3.6.4 <i>Biological Testing</i>

Part 3

1. Nature of non-compliance (check all relevant boxes)	
<input type="checkbox"/> Analytical validation	<input type="checkbox"/> Housekeeping - cleanliness, tidiness
<input type="checkbox"/> Batch release procedures	<input type="checkbox"/> In-process controls - control and monitoring of production operations
<input type="checkbox"/> Calibration of measuring and test equipment	<input type="checkbox"/> Intermediate and bulk product testing
<input type="checkbox"/> Calibration of reference materials and reagents	<input type="checkbox"/> Investigation of anomalies
<input type="checkbox"/> Cleaning validation	<input type="checkbox"/> Line clearance, segregation and potential for mix-up
<input type="checkbox"/> Complaints and product recall	<input type="checkbox"/> Personnel issues: Duties of key personnel
<input type="checkbox"/> Computerised systems - documentation and control	<input type="checkbox"/> Personnel issues: Hygiene/Clothing
<input type="checkbox"/> Computerised systems - validation	<input type="checkbox"/> Personnel issues: Training
<input type="checkbox"/> Contamination, chemical/physical - potential for	<input type="checkbox"/> Process validation
<input type="checkbox"/> Contamination, microbiological - potential for	<input type="checkbox"/> Production planning and scheduling
<input type="checkbox"/> Design and maintenance of equipment	<input type="checkbox"/> Regulatory issues: Non-compliance with manufacturing authorisation
<input type="checkbox"/> Design and maintenance of premises	<input type="checkbox"/> Regulatory issues: Non-compliance with marketing authorisation
<input type="checkbox"/> Documentation - manufacturing	<input type="checkbox"/> Regulatory issues: Unauthorised activities
<input type="checkbox"/> Documentation - quality system elements/procedures	<input type="checkbox"/> Sampling - procedures and facilities
<input type="checkbox"/> Documentation - specification and testing	<input type="checkbox"/> Self-inspection
<input type="checkbox"/> Environmental control	<input type="checkbox"/> Starting material and packaging component testing
<input type="checkbox"/> Environmental monitoring	<input type="checkbox"/> Status labelling - work in progress, facilities and equipment
<input type="checkbox"/> Equipment qualification	<input type="checkbox"/> Sterility Assurance
<input type="checkbox"/> Finished product testing	<input type="checkbox"/> Supplier and contractor audit and technical agreements
<input type="checkbox"/> Handling and control of packaging components	<input type="checkbox"/> Warehousing and distribution activities

<p>2. Action taken/proposed* by the third country authority or International organisation:</p> <ul style="list-style-type: none"><input type="checkbox"/> Suspension, variation, revocation* of the manufacturing site approval in full or in part<input type="checkbox"/> Withdrawal, of current valid GMP certificate / statement<input type="checkbox"/> Suspension, Revocation or Requested Variation* of product registrations<input type="checkbox"/> Recall of batches already released<input type="checkbox"/> Prohibition of supply<input type="checkbox"/> Suspension of clinical trials<input type="checkbox"/> Others <free text >
<p>3. Additional comments</p>

Teleconference Date		Teleconference Time (GMT)		Dial in no.	
EU Products manufactured at site, if known	Product	Dosage Form	Reference Member State, National or EMEA		
Human medicinal product(s)					
Veterinary medicinal product(s)					
Investigational medicinal product(s)	EudraCT nos.				

Name of the authorised person of the Competent Authority of *[Member State]*

.....
[Name, title, national authority, email, phone & fax numbers in case of enquiries]

...../...../..... *[Date]*

(*): delete that which does not apply



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EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Forms used by regulators

Union Format for a Wholesale Distribution Authorisation (Medicinal Products for Human Use)

Title	Union Format for a Wholesale Distribution Authorisation (Medicinal Products for Human Use)
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	
Notes	



UNION FORMAT FOR A WHOLESALE DISTRIBUTION AUTHORISATION

(MEDICINAL PRODUCTS FOR HUMAN USE)

1. Authorisation number

2. Name of authorisation holder

3. Legally registered address of authorisation holder

4. Address(es) of site(s)

(All sites should be listed, if not covered by separate authorisations)

5. Scope of authorisation (complete for each site under 4)

6. Legal basis of authorisation

7. Name of responsible officer of the
competent authority of the member state
granting the wholesaling authorisation

8. Signature

9. Date

10. Annexes attached

Annex 1 Scope of wholesale distribution authorisation

Annex 2 (Optional) Address(es) of contract wholesale distribution
sites and their authorisation number

Annex 3 (Optional) Name(s) of responsible person(s)

Annex 4 (Optional) Date of Inspection on which authorisation was
granted

Annex 5 (Optional) Additional provisions based on national
requirements

SCOPE OF WHOLESALE DISTRIBUTION AUTHORISATION

Name and address of the site:

1. MEDICINAL PRODUCTS

- 1.1 with a Marketing Authorisation in EEA country(s)
- 1.2 without a Marketing Authorisation in the EEA and intended for EEA market*
- 1.3 without a Marketing Authorisation in the EEA and intended for exportation

2. AUTHORISED WHOLESALE DISTRIBUTION OPERATIONS

- 2.1 Procurement
- 2.2 Holding
- 2.3 Supply
- 2.4 Export
- 2.5 Other activities(s): (please specify)

3. Medicinal products with additional requirements

- 3.1 Products according to Art. 83 of 2001/83/EC¹
 - 3.1.1 Narcotic or psychotropic products
 - 3.1.2 Medicinal products derived from blood
 - 3.1.3 Immunological medicinal products
 - 3.1.4 Radiopharmaceuticals (including radionuclide kits)
- 3.2 Medicinal gases
- 3.3 Cold chain products (requiring low temperature handling)
- 3.4 Other products: (please specify here or make a reference to Annex 5)

Any restrictions or clarifying remarks related to the scope of these wholesaling operations

.....
.....

*Art 5 of Directive 2001/83/EC or Art 83 of Regulation EC/726/2004

¹ Without prejudice to further authorisations as may be required according to national legislation

ANNEX 2 (Optional)

Address(es) of Contract Wholesale
Distribution sites and their
authorisation number

ANNEX 3 (Optional)

Name(s) of responsible person(s)

ANNEX 4 (Optional)

Date of Inspection on which dd/mm/yyyy
authorisation was granted

ANNEX 5 (Optional)

Additional provisions based on
national requirements



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Pharmaceuticals**



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Forms used by regulators

Union Format for a Good Distribution Practice Certificate (Medicinal Products for Human Use)

Title	Union Format for a GDP Certificate
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	New
Notes	



CERTIFICATE OF GDP COMPLIANCE OF A WHOLESALE DISTRIBUTOR

Issued following an inspection in accordance with Art. 111 of Directive 2001/83/EC

The competent authority of[*Member State*] confirms the following:

The wholesale distributor.....

Site address.....

Has been inspected under the national inspection programme in connection with authorisation number in accordance with Art. 77 (1) of Directive 2001/83/EC transposed in the following national legislation:

From the knowledge gained during inspection of this wholesale distributor, the latest of which was conducted on/...../..... [*date*], it is considered that it complies with the Good Distribution Practice requirements laid down in Article 84 of Directive 2001/83/EC.

This certificate reflects the status of the premises at the time of the inspection noted above and should not be relied upon to reflect the compliance status if more than five years have elapsed since the date of that inspection. However this period of validity may be reduced using regulatory risk management principles, by an entry in the Restrictions or Clarifying Remarks field.

This certificate is valid only when presented with all pages.

The authenticity of this certificate may be verified in the Union database. If it does not appear please contact the issuing authority.

Any restrictions or clarifying remarks related to the scope of this certificate:

...../...../..... [*Date*]

Name and signature of the authorised person of the Competent Authority of [*country*]¹

[*name, title, national authority, phone, email in case of enquiries*]

Details of the authorisation can be found in the Union Database.

¹ The signature, date and contact details should appear on each page of the certificate.



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**Public Health and Risk Assessment
Pharmaceuticals**



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SCIENCE MEDICINES HEALTH

Forms used by regulators

Union Format for a Good Distribution Practice Certificate for Active Substances to be used as Starting Materials in Medicinal Products for Human Use

Title	Union Format for a GDP Certificate for Active Substances
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	New
Notes	



CERTIFICATE OF GDP COMPLIANCE OF A DISTRIBUTOR OF ACTIVE SUBSTANCES FOR USE AS STARTING MATERIALS IN MEDICINAL PRODUCTS FOR HUMAN USE

Issued following an inspection in accordance with Art. 111 of Directive 2001/83/EC

The competent authority of [Member State] confirms the following:

The active substance distributor.....
Site address.....

.....
has been inspected in accordance with Art. 111(1) of Directive 2001/83/EC transposed in the following national legislation:
..... and in connection with registration no*

From the knowledge gained during inspection of this active substance distributor, the latest of which was conducted on/...../..... [Date], it is considered that it complies with the principles of good distribution practice for active substances referred to in article 47 of Directive 2001/83/EC

This certificate reflects the status of the site at the time of the inspection noted above and should not be relied upon to reflect the compliance status if more than five years have elapsed since the date of that inspection. However this period of validity may be reduced using regulatory risk management principles, by an entry in the Restrictions or Clarifying Remarks field.

The authenticity of this certificate may be verified in the Union database. If it does not appear please contact the issuing authority.

Any restrictions or clarifying remarks related to the scope of this certificate:
.....
.....

...../...../..... [date] Name and signature of the authorised person of the Competent Authority of [country]¹
.....
.....
[name, title, name of authority, phone, email in case of enquiries]

***Delete where not applicable**

¹ The signature, date and contact details should appear on each page of the certificate.
Page 1 of <insert number of pages>



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Pharmaceuticals**



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Forms used by regulators

GDP Inspection Report – Union Format (Medicinal Products for Human Use)

Title	GDP Inspection Report
Date of adoption	June 2013
Date of entry into force	1 December 2013
Supersedes	New.
Reason for revision	
Notes	



GDP Inspection Report Format

1. Report Reference no.:	
2. Inspected site(s):	
Name and full address of the inspected site.	
3. Authorised operations:	
<input type="checkbox"/> Procurement <input type="checkbox"/> Holding <input type="checkbox"/> Supply <input type="checkbox"/> Export <input type="checkbox"/> Brokering <input type="checkbox"/> Other activities: (please specify)	
4. Inspection date(s):	Day(s), month, year.
5. Inspector(s):	
Name(s) of the inspector(s).	
Name(s) of the Competent Authority(ies).	
6. References:	Wholesale Distribution Authorisation Number or Registration Number of Broker
7. Introduction:	
<p>Summarise business activities of company and product categories handled</p> <p>Date of previous inspection.</p> <p>Name(s) of Inspector(s) involved in previous inspection.</p> <p>Major changes since the previous inspection.</p> <p>Cover main personnel, premises, equipment and facility changes.</p> <p>If available, refer to or incorporate company documents describing changes and future plans</p> <p>The majority of report text should be in past tense, as report relates to what was observed on day(s) of inspection.</p> <p>Future plans may be written in different tense.</p>	
8. Scope of Inspection:	
<p>The scope of the inspection should include a short description of the inspection (e.g. continued compliance of the distribution operation with Guidelines on GDP).</p> <p>The reason for the inspection should be specified (routine GDP inspection, application for new authorisation, inspection for cause).</p> <p>Set out objective(s) of inspection clearly</p>	

9. Inspected activities:

Each activity inspected should be specified.

10. Activities not inspected:

Where necessary attention should be drawn to areas or activities not inspected on this occasion.

11. Personnel met during the inspection:

The names and titles of key personnel met should be specified.

12. Inspectors findings and observations relevant to the inspection and deficiencies:

This section should include reference to relevant headings of the Guidelines on GDP.

A brief overview of the operation should be provided in the context of the heading.

Procedures or aspects of note may be documented. Future proposals that may impact on the next inspection may also be documented.

This section should, where appropriate, link the findings of the inspection to the deficiencies and be used to explain classification.

- a. Overview of inspection findings from last inspection and the corrective action taken.
- b. Quality Management
- c. Personnel
- d. Premises and Equipment
- e. Documentation
- f. Operations
- g. Complaints, Returns, Suspected Falsified Medicinal Products and Recalls
- h. Outsourced Activities
- i. Self-Inspection
- j. Transportation
- k. Specific Provisions for Brokers

13. Other specific issues identified:

e.g. Relevant future changes announced by company

14. Miscellaneous:

e.g. Samples taken

15. Annexes attached:

List of any annexes attached

16. List of Deficiencies classified into critical, major and others:

All deficiencies should be listed in accordance with the appropriate heading from the Guidelines on GDP.

All deficiencies should be referenced and linked to a paragraph or paragraphs within the Guidelines on GDP.

All deficiencies found should be listed even if corrective action has taken place straight away.

The company should be asked to inform the Competent Authority about the proposed time schedule for corrections.

Each deficiency should, if at all possible, be stated as a negative.

The deficiency should be clear, e.g. 'the approach to temperature monitoring was not GDP compliant' versus 'the approach to temperature monitoring was not GDP compliant in that:

1. Temperature probes had not been calibrated
2. Temperature records were not reviewed regularly.'

Words/phrases such as "insufficient" and "appeared to be" should be avoided, if possible. Words such as "inadequate", "non-compliant" or "deficient" should be used in qualifying the deficiency.

For classification of deficiencies see last page.

17. Inspectors' Comments (optional):

Could be used to capture factual information and verbal undertakings given during the inspection or comment on the responses of the company.

18. Recommendations (optional):

List recommendations to either the company or authorities, if any

19. Summary and conclusions:

The Inspector(s) should state whether, within the scope of the inspection, the company operates in accordance with the Commission Guidelines on GDP of Medicinal Products for human use*, where relevant, that appropriate corrective actions are implemented and mention any other item to alert requesting authority. Reference may be made to conclusions recorded in other documents, such as the close-out letter, depending on national procedures.

*Directive 2001/83/EC Art 84

20. The inspection report should be signed and dated by the inspector(s) having participated in the inspection.

Name(s):

Signatures(s):

Organisation(s):

Date:

Distribution of Report:

Definition of Significant GDP Deficiencies

1 Critical Deficiency:

Any departure from Guidelines on Good Distribution Practice resulting in a medicinal product causing a significant risk to the patient and public health. This includes an activity increasing the risk of falsified medicines reaching the patients.

A combination of a number of major deficiencies that indicates a serious systems failure.

An example of a critical deficiency could be:

Purchase from or supply of medicinal products to a non-authorized person;
Storage of products requiring refrigeration at ambient temperatures;
Rejected or recalled products found in sellable stock.

2 Major Deficiency:

A non-critical deficiency:

which indicates a major deviation from Good Distribution Practice;

or which has caused or may cause a medicinal product not to comply with its marketing authorisation in particular its storage and transport conditions;

or which indicates a major deviation from the terms and provisions of the wholesale distribution authorisation;

or a combination of several other deficiencies, none of which on their own may be major, but which may together represent a major deficiency.

3 Other Deficiency:

A deficiency which cannot be classified as either critical or major, but which indicates a departure from Guidelines on Good Distribution Practice.



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Pharmaceuticals**



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Forms used by regulators

Statement of Non-compliance with Good Distribution Practice

(Medicinal Products for Human use)

Title	Statement of Non-Compliance with Good Distribution Practice Medicinal Products for Human Use
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	New
Notes	



STATEMENT OF NON-COMPLIANCE WITH GDP MEDICINAL PRODUCTS FOR HUMAN USE

Exchange of information between National Competent Authorities (NCAs) of the EEA following the discovery of serious GDP non-compliance at a wholesale distributor

Part 1

Issued following an inspection in accordance with Art. 111(7) of Directive 2001/83/EC as amended.

The competent authority of.....[Member State] confirms the following:

The wholesale distributor.....

Authorisation number.....

Site address.....

From the knowledge gained during inspection of this wholesaler distributor, the latest of which was conducted on/...../..... [date], it is considered that **it does not comply with the Good Distribution Practice** requirements referred to in Article 84 of Directive 2001/83/EC.

Part 2

Wholesale distribution activity affected: <free text>

Part 3

1. Nature of non-compliance: <free text >

2. Action taken/proposed by the NCA: <free text >

3. Additional comments: <free text >

Teleconference Date:

Teleconference Time (CET):

Dial in no.:

...../...../..... [date]

Name and signature of the authorised person of the Competent Authority of [country]¹

.....
.....

[name, title, name of authority, phone, email in case of enquiries]

¹ The signature, date and contact details should appear on each page of the statement.



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Pharmaceuticals**



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Forms used by regulators

Statement of Non-compliance with Good Distribution Practice of a Distributor of Active Substances for Use as Starting Materials in Medicinal Products for Human Use

Title	Statement of Non-compliance with Good Distribution Practice of a Distributor of Active Substances for Use as Starting Materials in Medicinal Products for Human Use
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	New
Notes	



STATEMENT OF NON-COMPLIANCE WITH GDP OF A DISTRIBUTOR OF ACTIVE SUBSTANCES FOR USE AS STARTING MATERIALS IN MEDICINAL PRODUCTS FOR HUMAN USE

Exchange of information between National Competent Authorities (NCAs) of the EEA following the discovery of serious GDP non-compliance at an active substance distributor

Part 1

Issued following an inspection in accordance with Art. 111(7) of Directive 2001/83/EC as amended.
The competent authority of..... <i>[Member State]</i> confirms the following:
The active substance distributor.....
Site address

From the knowledge gained during inspection of this active substance distributor, the latest of which was conducted on .../.../... *[date]*, it is considered that **it does not comply with the Good Distribution Practice** for active substances referred to in Article 47 of Directive 2001/83/EC.

Part 2

<input type="checkbox"/> All registered active substances distributed are affected
<input type="checkbox"/> Specify which Active Substances are affected : <free text >

Part 3

4. Nature of non-compliance: <free text >
5. Action taken/proposed by the NCA: <free text >
6. Additional comments: <free text >

Teleconference Date:	Teleconference Time (CET):	Dial in no.:
----------------------	----------------------------	--------------

.../.../... *[date]*

Name and signature of the authorised person of the Competent Authority of *[country]*¹

.....
.....

[Name, title, name of authority, phone, email in case of enquiries]

¹ The signature, date and contact details should appear on each page of this statement.



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GENERAL

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Pharmaceuticals



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SCIENCE MEDICINES HEALTH

Forms used by regulators

Request Form for the Exchange of Information on Marketing Authorisation Holders or Manufacturing Authorisation Holders between the Competent Authorities in the EEA

Title	Request Form for the Exchange of Information on Marketing Authorisation Holders or Manufacturing Authorisation Holders between the Competent Authorities in the EEA
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	New
Notes	



Request Form for the Exchange of Information on Marketing Authorisation Holders or Manufacturing Authorisation Holders between the Competent Authorities in the EEA

The templates below were developed in order to facilitate exchange of information between the competent authorities in EEA where there are no established procedures or systems (e.g. EudraGMP) for the exchange of information

Reference no.:	No. of pages/No. of attachments:	Date:
----------------	----------------------------------	-------

Requesting Competent Authority

Competent Authority/ Country	
Address/phone/fax	
Contact Person	
Email of Contact Person	

Recipient Competent Authority

Competent Authority/ Country	
Address/phone/fax	
Contact Person	
Email of Contact Person	

Request for Exchange of Information on *[complete as appropriate]*

MAH- Address/phone/fax/Email	
QPPV/ PSMF site – Address/phone	
Medicinal Product/dosage form/strength/INN/MA	
Manufacturer- Address/phone/fax/Email	
Information requested	

Reply Form in Response to a Request for the Exchange of Information on Marketing Authorisation Holders or Manufacturing Authorisation Holders between the Competent Authorities in the EEA

As requested by the competent authority ofon/...../.....
(Original Ref. no. :.....),

the competent authority of.....
confirms the following information:

The MAH and/ or QPPV/PSMF or the Manufacturer (delete as appropriate).....

(Medicinal Product/dosage form/strength/INN/MA).....

Address.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

Name and signature of a responsible officer of the reporting competent authority:

.....Date:.....



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Registration of Manufacturer, Importer or Distributor of Active Substance (used in Medicinal Products for Human Use)

Union Format for Registration of Manufacturer, Importer or Distributor of Active Substance (used in Medicinal Products for Human Use)

Title	Union Format for Registration of Manufacturer, Importer or Distributor for Active Substance (used in Medicinal Products for Human Use)
Date of adoption	May 2012
Date of entry into force	By 2 January 2013
Supersedes	New
Reason for revision	
Notes	



<Letterhead of Validating Authority>

Union Format for Registration¹ of Manufacturer, Importer or Distributor of Active Substances

1. Registration number
2. Name or corporate name of registrant
3. Permanent or Legal address of registrant
4. Address(es) of site(s) where registered activities take place
All relevant sites should be listed if not covered by separate registrations)
5. National legal basis of registration
6. Name of responsible officer of the competent authority of the member state validating the registration²
7. Signature²
8. Date

This registration form is valid only when presented with all pages. The authenticity of this registration form may be verified in the Union database or with the validating authority.

The registration holder referred to in section 2 shall communicate annually to the competent authority an inventory of the changes which have taken place as regards the information provided in this registration form. Any changes that may have an impact on the quality or safety of the listed active substances must be notified immediately.

¹ Without prejudice to any further national legislative requirements

² Optional

SCOPE OF REGISTRATION

Name and address of the site:

1. MANUFACTURING OPERATIONS	
Active Substance(s):	
A	Manufacture of Active Substance by Chemical Synthesis
	<i>1. Manufacture of active substance intermediates 2. Manufacture of crude active substance 3. Salt formation / Purification steps : <free text> (e.g. crystallisation) 4. Other <free text></i>
B	Extraction of Active Substance from Natural Sources
	<i>1. Extraction of substance from plant source 2. Extraction of substance from animal source 3. Extraction of substance from human source 4. Extraction of substance from mineral source 5. Modification of extracted substance <specify source 1,2,3,4> 6. Purification of extracted substance <specify source 1,2,3,4 > 7. Other <free text></i>
C	Manufacture of Active Substance using Biological Processes
	<i>1. Fermentation 2. Cell Culture <specify cell type> (e.g. mammalian / bacterial) 3. Isolation / Purification 4. Modification 5. Other <free text></i>
D	Manufacture of sterile active substance (note Parts A, B & C, to be completed as applicable)
	<i>1. Aseptically prepared 2. Terminally sterilised</i>
E	General Finishing Steps
	<i>1. Physical processing steps < specify > (e.g. drying, milling / micronisation, sieving) 2. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance) 3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance) 4. Other <free text> (for operations not described above)</i>

Registration No:
Page # of #

F	Quality Control Testing <i>This section should be completed only if any parts of sections A, B, C, D, E are completed</i>
	<ol style="list-style-type: none"> 1. Physical / Chemical testing 2. Microbiological testing (excluding sterility testing) 3. Microbiological testing (including sterility testing) 4. Biological Testing

2. IMPORTATION AND DISTRIBUTION OPERATIONS			
A	Importation <i>(list all imported active substances together with details of the relevant manufacturers, and where applicable, distributors)</i>		
	<i>Active substance</i>	<i>3rd country manufacturer (name & address)</i>	<i>Distributor (name & address)</i>
B	Distribution		
	<i>Active substance(s) (list all active substances for which distribution operations apply)</i>		

Any restrictions or clarifying remarks related to the scope of these registered operations

.....
.....

Name of responsible officer of the competent authority of the member state validating the registration¹

Signature³

¹ Optional



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Pharmaceuticals



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SCIENCE MEDICINES HEALTH

Procedures Related to Centralised Procedures

Co-ordinating GMP Inspections for Centrally Authorised Products

Table of contents:

- Introduction
- Scope
- Legal Basis
- General Procedure for GMP Inspection
- Pre-submission Notification by the Applicant for a Marketing Authorisation
- Designation of an Inspection Team and Preparation for the Inspection
- Contacts with the Applicant and the Manufacturer(s) to be Inspected
- Submission of the Final Report to the Rapporteur and the EMA

Title	Coordinating GMP Inspections for Centrally Authorised Products
Date of adoption	
Date of entry into force	
Supersedes	Procedure for Co-ordinating Foreign and Community Pre-Authorisation Inspections during the Assessment of Applications published January 2001
Reason for revision	Reviewed following the harmonisation of the Community report format for centrally and non-centrally co-ordinated inspections. Scope extended to include routine re-inspections
Notes	N/A



Co-ordinating GMP Inspections for Centrally Authorised Products

1. Introduction

This guideline should be read in conjunction with the terms of the standard contract between the European Medicines Agency (EMA) and the Competent Authorities of the EU Member States.

2. Scope

For GMP inspections carried out by competent authorities of the Member States of the European Economic Area (EEA) at the request of the EMA.

3. Legal Basis

In order to complete the assessment of applications for marketing authorisations under the centralised system the Committee for Medicinal Products for Human Use (CHMP) or the Committee for Medicinal Products for Veterinary Use (CVMP) may request that an inspection is carried out of the manufacturing site for a medicinal product in accordance with Articles 8 (2) and 33 (2) respectively of Regulation 726/2004 of the European Parliament and the Council.

Repeated (routine re-inspections) may also be requested according to the provisions of Articles 19(3) and 44(3) of the same Regulation.

4. General Procedure for GMP Inspection

4.1 Inspections coordinated by the EMA are managed using the Corporate GXP application.

4.2 Inspection reports will be prepared by the inspectors of the supervisory authority of the Member State for all inspections requested by either the CHMP or CVMP under the obligations of Articles 18 or 43 of Regulation 726/2004.

(Note: Should a supervisory authority not be able to inspect in a third country, another competent authority may be requested to carry out the inspection following the Community Procedure on delegation of responsibilities)

4.3 The Inspectors of the supervisory authority may be assisted in the preparation of the report by experts appointed by either the CHMP or CVMP to take part in the inspection.

4.4 The EMA requires the inspection report to be in English.

4.5 The content and format of the report should be that described in the Compilation of Community procedures.

4.6 The report should address any questions raised by the Rapporteur/Co-Rapporteur relating to the assessment of the manufacturing activities and/or control procedures or any other specific issues identified by the CHMP or the CVMP and/or the EMA (e.g. reported problems, quality defects) as relevant.

- 4.7 The inspection report should be finalised and sent to the EMA (uploaded to the Corporate GXP application and signed by all inspectors) within the timelines identified in the relevant inspection request.
- 4.8 The EMA will check inspection reports received for adherence to this guideline and for their scientific content and overall quality. Reports, that in the opinion of the Agency are found to be deficient, incomplete or below the required scientific standard, will be returned to the authorities responsible for their preparation with a written explanation of the reasons for non-acceptance and proposed deadline for revision, re-inspection or other remedial action. For pre-authorisation inspections this deadline will take account of the overall timetable adopted for completion of the assessment of the application.

5. Pre-submission Notification by the Applicant for a Marketing Authorisation

In their notification of intention to submit, applicants should mention the name (including contact point) and the address of the proposed manufacturers of the active substance(s) and finished product including the site(s) in the EEA responsible for batch release of the medicinal product. If necessary a flowchart should be provided to illustrate the role of all different sites involved. All sites listed in applications should be ready for inspection from the time of submission of the application and be in compliance with EU (or equivalent) Good Manufacturing Practice (GMP).

6. Designation of an Inspection Team and Preparation for the Inspection

The EMA validates submissions to the centralised system and determines whether or not an inspection of the manufacturing, control, batch release and importation site(s) concerned is needed to verify compliance with GMP before a marketing authorisation or a variation can be granted. A decision is made in collaboration with the (co)rapporteur whether or not to ask the relevant committee to adopt a request for an inspection. Such requests are adopted by the committee at day 90 or at the latest by day 120, and include any specific aspects of the application, that the (co)rapporteur raises in the day 70 assessment report(s), or analogous time point for variations.

In addition the EMA ensures that manufacturing sites listed in centralised marketing authorisations that are located in third countries are routinely re-inspected in accordance with the inspection frequencies laid down in the Compilation of Community Procedures in order to verify on-going GMP compliance unless an MRA or equivalent agreement is in force. Re-inspection of sites located in the EEA or in countries where an MRA or equivalent agreement is in force is left under the responsibility of the relevant National Competent Authorities.

The EMA will designate the National Competent Authorities that will form the inspection team. Normally the lead will be taken by the Supervisory Authority supported by another authority, in particular another Supervisory Authority if there is more than one. The EMA will consult the (co)rapporteurs, and EEA inspectorates as necessary and will, particularly in the case of re-inspections, attempt to distribute the workload among the Member States.

The National Competent Authorities participating in an adopted inspection request will nominate the inspectors who will carry out the inspection using the Corporate GXP application. The National Competent Authority shall not nominate inspectors that are not included in the list of EMA experts. EMA will check the status of the experts' nomination documentation before accepting the nominations.

When the Supervisory Authority is not able to inspect in a third country, a replacement competent authority will be found in accordance with the Community Procedure for delegation of responsibilities.

For routine re-inspections the EMA will propose an annual inspection plan in consultation with the Supervisory Authorities designed to distribute the workload evenly with support from other inspectorates as necessary.

7. Contacts With the Applicant and the Manufacturer(s) to be Inspected

Once the Committee has requested an inspection, the EMA notifies the applicant/MAH that an inspection will take place, giving details of the inspection team and asks for the inspection fees to be paid.

Payments for inspections are made in accordance with the decision on a scale of fees adopted by the Management Board under Article 53 (3) of the Regulation. For inspections outside the EU, travel costs are paid directly to the inspectorates by the applicant/MAH in accordance with Article 5 (4) of Council Regulation (EEC) 297/95, as amended. The inspectors make the arrangements directly with the manufacturer and fix an inspection date and in the case of third country inspections should notify the local competent authority. In preparation of the inspection, the manufacturer(s) or the applicant/MAH may be asked to provide information about the site and operations to be inspected (this is normally provided in a "Site Master File"). The applicant may be requested to supply a copy of relevant parts of the dossier to the inspection team.

In the case of re-inspections the EMA will draw the attention to the inspection team of any specific issues that have been identified for inspection follow up for example arising from the last inspection, sampling and testing or quality defect investigations prior to the inspection.

8. Submission of the Final Report to the Rapporteur and the EMA

One month after transmission of the inspection report to the manufacturer, the inspection team shall send their report to the EMA (by uploading and signing the report in the Corporate GXP application). The lead authority for the inspection is responsible for the issue of GMP certificates or statements of non-compliance in line with Community legislation and to update the EudraGMP database accordingly.



EUROPEAN COMMISSION
HEALTH & CONSUMER PROTECTION DIRECTORATE-
GENERAL

**Public Health and Risk Assessment
Pharmaceuticals**



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

History of changes to the Compilation of Procedures

Date	Details
December 2003	First published by the European Medicines Agency on behalf of the Commission updating May 2001 version to include a new procedure for handling suspected quality defects, updated rapid alert procedure, addition of verification of validation to procedure and forms for exchange of information, and quality systems framework for EU inspectorates.
February 2004 (rev. 1)	Updated to include a new annex on investigational medicinal products to the procedure on the conduct of inspections together with a revised document on the training and qualifications of GMP inspectors. Both documents were developed in response to Art. 15(5) of Directive 2001/20/EC.
September 2004 (rev. 2)	Updated to include a minor change to section 5 on the procedure for handling rapid alerts and a consolidation of the procedure and various forms for the exchange of information. It includes a new form to be used in the event of an inspection performed in a third country with a negative outcome requiring co-ordinated administrative action throughout the Community.
February 2005 (rev. 3)	Revision to procedure on verification of GMP in third countries.
September 2005 (rev. 4)	<p>In accordance with Art. 47 of Directive 2004/27/EC and Art. 51 of Directive 2004/28/EC amending Directives 2001/83/EC and 2001/82/EC respectively, revised Community formats for a GMP inspection report and manufacturing authorisation and a Community format for a GMP certificate were introduced.</p> <p>Guidance to Competent Authorities was included on when inspections of active substance manufacturers may be appropriate based on the provisions of Art. 111(1) of Directive 2001/83/EC and Art. 80(1) of Directive 2001/82/EC as amended.</p> <p>A small change to appendix 2 of the summary report for inspections conducted at the request of the European Medicines Agency was also been introduced.</p> <p>The title of the procedure for handling suspected quality defects was corrected.</p>



July 2006 (rev. 5)	An introduction was added together with a minor change to the procedure on rapid alerts arising from quality defects as well as enhanced formats for the Manufacturing Authorisation and GMP Certificate.
September 2006 (rev. 5 reformatted)	The individual documents of the Compilation were reformatted and arranged in order to facilitate individual download from the website. No changes were made to the main texts of the documents.
October 2006 (rev. 6)	Inclusion of a procedure, applicable to centrally authorised products, for dealing with the delegation of the performance of a GMP inspection by the Supervisory Authority to another Competent Authority.
March 2007 (rev. 7)	A procedure for the issue and update of GMP certificates has been added. The Content of the fabricator's/manufacturer's batch certificate for drugs/medicinal products exported to countries under the scope of a Mutual Recognition Agreement, and the Activity/decision diagram for inspection findings for applications under the centralised system, have been removed.
April 2008 (rev 8)	The Quality System Framework for GMP Inspectorates was revised to introduce a quality risk management approach following the implementation of ICH Q9 guideline.
August 2008 (rev. 9)	Update to Training and Qualifications of GMP Inspectors document.
March 2010 (rev. 10)	A new procedure was added for dealing with serious GMP non-compliance, which is in addition also intended to ensure a coordinated response to CEP withdrawals or suspensions for non-GMP reasons. The procedures for handling suspected quality defects and Rapid Alerts have been updated to include active substances, falsified medicinal products and investigational medicinal products within their scopes. The GMP inspection report format has been revised in view of an agreement that additional summary reports, previously required for inspections requested by the European Medicines Agency, no longer need to be prepared.
August 2010 (rev. 11)	A new procedure Training and Qualifications of Inspectors performing GDP inspections was added together with an update to the introduction in view of the addition of the first document connected with GDP inspections being added. A revised document updating and extending the Procedure for Co-ordinating Foreign and Community Pre-Authorisation Inspections during the Assessment of Applications was published (Co-ordinating GMP Inspections for centrally authorised products). This allows for the removal of the Guideline on the Preparation of Reports on GMP Inspections Requested by either the CHMP or CVMP, in view of the introduction of the Community inspection report format in March 2010.
January 2011 (rev. 12)	A new procedure Training and Qualification of Inspectors Performing Inspections of Wholesale Distributors was added. The overall presentation of the Compilation was consolidated into a single document.

July 2011 (rev. 13)	Deletion of 'Exchange of Information on Manufacturers and Manufacturing or Wholesale Distribution Authorisations Between Competent Authorities in the European Economic Area' as agreed at the GMP/ GDP Inspectors Working Group (24-26/05/2011)
May 2012 (rev. 14)	New templates under the 'Forms used by regulators' section (Wholesale Distribution Authorisation, GDP certificates, GDP non-compliance statements) and a Registration of Manufacturer, Importer or Distributor of Active Substance (used in Medicinal Products for Human Use) template have been added to facilitate entry into the Union database as required by Directive 2011/62/EU. Procedure for Dealing with Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations has been added.
July 2012 (rev. 15)	The 'Community (Union) Format for Manufacturer's Authorisation' has been modified to facilitate harmonised interpretation. The 'Union Format for GMP certificate' has been similarly modified to facilitate interpretation and also to accommodate entry of inspected manufacturing operations for active substances. The 'Statement of Non-Compliance with GMP' and 'Notification of Serious GMP Non-Compliance Information Originating from Third Country Authorities or International Organisations' have been made stand-alone templates under the 'Forms used by regulators' section. A new template under the 'Forms used by regulators' section has been added: 'Request Form for the Exchange of Information on Marketing Authorisation Holders or Manufacturing Authorisation Holders between the Competent Authorities in the EEA'.
June 2013 (rev. 16)	<p>New documents added under the 'Procedures Related to GDP Inspections' section: GDP Inspection Procedure- Medicinal Products for Human Use, The Issue and Update of GDP Certificates- Medicinal Products for Human Use.</p> <p>A new section 'Interpretation Documents' has been created and an interpretation document for the Union format of a manufacturing/importation authorisation' has been included.</p> <p>The procedure 'A Model for Risk Based Inspection Planning of Pharmaceutical Manufacturers' (in the section 'Procedures Related to GMP Inspections') has been revised to incorporate the PI-037-1-PIC/S Recommended Model for Risk-based Inspection Planning in the GMP Environment.</p> <p>In the section 'Forms used by regulators', the template for 'GDP Inspection Format' has been added.</p>