



# GUIDELINE ON GOOD DISTRIBUTION PRACTICES (GDP)

Pharmacy Regulatory Division

NATIONAL MEDICINE REGULATORY AUTHORITY Norris Canal Rd, Colombo 01000, Sri Lanka

# GUIDELINE ON GOOD DISTRIBUTION PRACTICES (GDP)

CON	ITENTS	
1	INTRODUCTION	
2	PURPOSE	4
3	SCOPE	4
4	GLOSSARY	4
5.	GENERAL PRINCIPLE & RELETED LEGISLATIONS	5
6.	QUALITY MANAGEMENT	
7.	QUALITY RISK MANAGEMENT	7
8.	MANAGEMENT REVIEW	7
9.	COMPLAINTS	
	a) Principle	
	b) Classification of complaints	
	c) Procedure for complaints	
	d) Persons responsible	9
	e) Reporting	
	f) Investigation	
	g) Corrective and preventive action	9
	h) Response to complainant	
	i) Documentation	
10.		
11.	PRODUCT RECALL	
12.	SELF INSPECTION	
13.	PREMISES AND FACILITIES	1Error! Bookmark not defined.1
	a) Premises	11
	b).Receiving c).Storage areas	11 12
14.	STOCK CONTROL AND ROTATION	
15.	EQUIPMENT AND VEHICLES	
16.	QUALIFICATION AND VALIDATION	15
	PERSONNEL	16
18.	DOCUMENTATION	
	a.written instructions	17
	b.Inventory system	17
	c.Labeling of containers / packaging materials	18
19.	ACTIVITIES AND OPERATIONS	
	Receiving Storage	18 18
	Repackaging and relabeling	18
	Distribution and transport	19
	Dispatch Receiving	20 21
20.	STOCK CONTROL	21
21.	CONTROL OF EXPIRED STOCK	
	013- Good Distribution Practices (GDP) Guideline	Effective Date: 27/08/2021
- UL -		

22.	RETURNED AND REJECTED PRODUCTS	. 22
23.	DISTRIBUTION	. 22
24.	DISPOSAL OF MATERIALS / PRODUCTS	23
	TRANSPORTATION AND GOODS IN TRANSIT	23
26	OUTSOURCED ACTIVITIES	25
27	COUNTERFEIT MATERIALS/ PRODUCTS	25
28	INSPECTION OF STORAGE & DISTRIBUTION FACILITIES	25
20	REFERENCES	05
29.	REFERENCES	25
30.	FEED BACK	26
31.	APPROVAL AND REVIEW DETAILS	26

#### **01. INTRODUCTION**

The National Medicines Regulatory Authority Act (NMRA Act) requires that "No person shall import or distribute any medicine without adhering to Good Distribution Practices (GDP) and any other prescribed guidelines and conditions. Section 49 (3) & "No person shall import or distribute any medical device without adhering to Good Distribution Practices (GDP) and any other prescribed guidelines or conditions." Section 75 (2).

The NMRA Act defines GDP as "Good Distribution Practice" means good distribution practice guidelines issued by the Authority;

Storage and distribution are important activities in the supply chain management Therapeutic goods. Therapeutic goods may be subjected to various risks at different stages in the supply chain, i.e. during purchasing, storage, distribution, transportation, repackaging, and relabelling. It is essential to protect against the penetration of substandard and falsified products supply chains that pose a real threat to public health and safety.

All persons and outlets involved in any aspect of the storage and distribution of medical products from the premises of the manufacturer of the therapeutic goods and/or its related materials to the person dispensing or providing therapeutic good directly to a patient or his or her agent are required to adopt proper distribution and store management procedures appropriate for the distribution and storage of therapeutic goods and its related materials destined for the consumer.

This includes all parties involved in trade, storage and distribution of medical products, manufacturers and wholesalers, as well as other parties such as brokers, suppliers, distributors, logistics providers, traders, transport companies, forwarding agents and their employees.

The relevant sections of this guideline should also be considered for implementation by, amongst others, governments, regulatory bodies, international procurement organizations, donor agencies and certifying bodies, as well as all parties involved in any aspect of the trade and distribution of pharmaceutical products, including health care workers.

The GDP also requires that materials and products classified as dangerous drugs under the Poison, Opium and Dangerous Drugs Act 1984, are stored and distributed in accordance with the requirements of the respective Act and Regulations.

Good Distribution Practice or GDP is defined by this guideline as: "The measures that need to be considered in the storage, transportation and distribution of any therapeutic good and its related materials such that the nature and quality intended is preserved when it reaches the consumer"

#### **02. PURPOSE**

Good Distribution Practice describes the standards that a wholesale distributor must meet to ensure the maintenance of high standard quality and integrity of therapeutic goods and related materials regulated under the NMRA Act throughout the supply chain. GDP promote uniformity in licensing of wholesaling of therapeutic goods and related materials and to further facilitate the removal of barriers to trade in therapeutic goods and related materials, the following Guide to Good Distribution Practice (GDP) for products regulated under NMRA Act has been adopted.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

#### 03. SCOPE

The standards set out herein apply therapeutic goods regulated under NMRA Act intended for human use which a prescription is required by the patient, products which may be provided to a patient without a prescription, biological, vaccines and medical devices. This guideline applicable for Investigational Medicinal Products (IMP) and also applies to the sourcing, storage and transportation of active pharmaceutical ingredients and other ingredients used in the production of the therapeutic goods. The document also cover the GMP aspects of distribution of labels and/or packaging. It is not intended to be a barrier to technical innovation or the pursuit of excellence or to place any restraint upon the development of new concepts or new technologies, which have been validated and provide a level of Quality Assurance and integrity of the distribution processes at least equivalent to those set out in this guide.

#### **04. GLOSSARY**

Consignment	The delivery batch of materials and products supplied at one		
	time in response to a particular request or order.		
Contamination	The undesired introduction of impurities of a chemical or		
	microbiological nature, or of foreign matter during		
	manufacturing, sampling, packaging or repackaging,		
	storage or transport.		
Cross -contamination	Contamination of a material or product with another material		
	or product.		
Excipient	Any substances in the drug product other than the API		
Finished product	A product that has undergone all stages of production,		
	including packaging in its final container and labeling.		
First Expired/ First Out	A distribution procedure that ensures the approved stock that		
(FEFO) principle	has a nearer expiry date is distributed and / or utilized before		
concept	an approved and identical stock item with later expiry is		
	distributed and/ or utilized.		
License	Any license issued under Regulation 12 of the NMRA Act or		
	CDD Act		
Manufacturer	Includes:		
	a) The making or assembling of the product;		
	b) The enclosing or packing of the product in any container in		
	a form suitable for administration or application, and the		
	labeling of the container; and		
	c) The carrying out of any process in the course of any or the		
	foregoing activities.		
Material	A general term used to denote raw materials, starting materials,		
	intermediates, excipients and packaging materials and labeling		
	materials.		
Packaging material	Any material employed in the packaging of a material		
	including any other packaging used for transportation or		
	shipment. Packaging materials are referred to as primary or		

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01 Effective Date: 27/08/2021 Page 5 of 26

	secondary according to whether or not they are intended to be		
	in direct contact with the product.		
Product	Any product registered under NMRA Act 2015		
Raw material	A general term used to denote starting materials, reagents,		
	intermediates, process aids and solvents intended for used in		
	the production of APIs or products.		
Return material/ product	Material or product sent back from the customer to the supplier.		
Storage	A term used to describe the safe keeping of materials and		
	products such as starting materials and finished products		
	received from suppliers, semi-finished products in process and		
	finished products awaiting dispatch and products awaiting		
	distribution to retailers and products (rejected, recalled and		
	damaged) awaiting disposal.		
Supplier	A person providing products or materials on request. Supplier		
	may be agents, brokers, distributors, manufacturers or traders.		

# **05. GENERAL PRINCIPLES AND RELATED LEGISLATION**

All parties involved in the distribution of pharmaceutical products have a responsibility to ensure that the quality of pharmaceutical products and the integrity of the distribution chain is maintained throughout the distribution process from the site of the manufacturer to the entity responsible for dispensing or providing the product to the patient or his or her agent.

There should be collaboration between all parties, including governments, customs agencies, law enforcement agencies, regulatory authorities, manufacturers, distributors and entities responsible for the supply of medical products to patients, to ensure the quality and safety of these products; to prevent the exposure of patients to substandard and falsified products and to ensure that the integrity of the distribution chain is maintained.

1. The National Medicines Regulatory Authority Act (NMRA Act No.2015 of 5); Section 49 (3) "No person shall import or distribute any products regulated under NMRA Act without adhering to Good Distribution Practices (GDP) and any other prescribed guidelines or conditions.

The NMRA Act defines GDP as "Good Distribution Practice" means good distribution practice guidelines issued by the Authority;

2. Poison Opium and Dangerous Drugs Act (PODDA) as amended in 1984

# **06. QUALITY MANAGEMENT**

Quality Management System should be implemented and maintain with an appropriate organizational structure, procedures, and resources, setting out responsibilities, processes and risk management principles in relation to their activities; and systematic actions necessary to ensure adequate confidence that a material and/or product and documentation will satisfy given requirements for

quality and integrity and remains within the legal supply chain during storage and/or transportation. Totality of these actions is termed "Quality System".

The quality system should be fully documented and its effectiveness monitored. Within an organization, quality assurance serves as a management tool. In contractual situations quality assurance also serves to generate confidence in the supplier. There should be a documented quality policy describing the overall intentions and policies of the distributor regarding quality, as formally expressed and authorized by management.

Where electronic commerce (e-commerce) is used, defined procedures and adequate systems should be in place to ensure traceability and confidence in the quality of materials and/or products. The provisions should guarantee the same degree of materials and/or products safety as it can be achieved in non-e-commerce.

All entities in the supply chain should be traceable as applicable, depending on the type of materials and/or products, and on the national policies and legislation. There should be written procedures and records to ensure traceability of the materials and/or products distributed.

Self-inspections should be conducted in order to monitor implementation and compliance with GDP principles and to propose necessary corrective measures. Certification of compliance with a quality system (such as the applicable International Organization for Standardization (ISO) series, or national or international guidelines) by external bodies is recommended. Such certification should not, however, be seen as a substitute for compliance with this guideline.

Quality system should also foster a safe, transparent and secure distribution system by establishing measures to ensure that materials and/or products have a form of documentation that can Guidelines on Good Distribution Practice (GDP) be used to permit traceability of the materials and/or products throughout distribution channels from the manufacturer/importer to the retailer.

The quality system should include an emergency plan which ensures effective recall of medicinal products from the market ordered by the manufacturer or the competent authorities or carried out in cooperation with the manufacturer or marketing authorization holder for the medicinal product concerned. The competent authorities must be immediately informed of any suspected falsified medicines offered in the supply chain.

# 07. QUALITY RISK MANAGEMENT

The quality system should include provisions that the holder of the marketing authorization labelled entity (if different from manufacturer) the appropriate national and/or international regulatory bodies, as well as other relevant competent authorities, should be informed immediately in case of confirmed or suspected counterfeit products. Such materials and/or products have to be stored in a secure segregated area and have to be clearly identified to prevent further distribution or sale.

All parties involved in the distribution of materials and/or products should share responsibility for the quality and safety of materials and/or products to ensure that they are fit for their intended use. There

should be a procedure in place that describes pedigree documentation as well as the visual and/or analytical identification of potential counterfeit materials and/or products. The procedure should include provisions for notification, as appropriate for the holder of the marketing authorization labelled entity (if different from manufacturer) the appropriate national and/or international regulatory bodies, as well as other relevant competent authorities, when a potential counterfeit drug is identified.

Authorized procurement and release procedures for all administrative and technical operations performed should be in place, to ensure that appropriate materials and/or products are sourced from approved suppliers and distributed by approved entities. The approval should come from the competent authority of the individual country where the legal entity is registered. There should be a written procedure in place to ensure and document traceability of materials and/or products and received and distributed based on batch numbers. While it is understood that a differentiated approach may be necessary for different materials and/or products and regions, pedigree record and/ track and trace technologies provide possible options to ensure traceability.

To support the avoidance of penetration of counterfeit materials and/or products into the supply chain pedigree procedures and records should be developed in order to allow the tracking and tracing of material and/or product in the supply chain. Each supplier should maintain and provide such pedigree records to the next recipient in the supply chain ending with the final recipient before purchase/use by end-user which is usually the patient or consumer.

## **08. MANAGEMENT REVIEW**

A responsible person should be appointed by the management, who should have clearly specified authority and responsibility for ensuring that a quality system is implemented and maintained.

The management of the distributor should ensure that all parts of the quality system are adequately resourced with competent personnel, and suitable and sufficient premises, equipment and facilities.

Review of the quality system and its effectiveness by using quality metrics and key performance indicators.

Identification of opportunities for continual improvement and follow-up on recommendations from previous management review meetings and all Records should be maintained.

# **09. COMPLAINTS**

Complaints should be recorded with all the original details. A distinction should be made between complaints related to the quality of a medicinal product and those related to distribution. In the event of a complaint about the quality of a medicinal product and a potential product defect, the manufacturer and/or marketing authorization holder should be informed without delay. Any product distribution complaint should be thoroughly investigated to identify the origin of or reason for the

complaint and risk assessed and appropriate CAPA should be taken. Competent person should be appointed to handle complaints and allocated sufficient support personnel.

## a) Principle

A complaint is defined as a situation whereby when a customer or any other (outside party) has reported a material (e.g. active pharmaceutical ingredients) or product defect or adverse reactions with any of the company's marketed materials or products. This is valid regardless of whether:

- The report is written or verbal.
- The sample of affected product is attached.

A report on a product and defect which has been identified within the company on a marketed product batch is also considered a complaint.

#### b) Classification of complaints

Complaints can be classified as:

Medical (e.g. adverse reactions) Pharmaceutical (e.g. precipitation, lack of efficacy) Technical (e.g. damaged packaging or labelling defects)

## c) Procedure for complaints

The procedure for dealing with complaints shall ensure that:

- That complaints received are given proper due attention and promptness that measures are taken to prevent repeated complaints
- That, when adequate information is available, a decision is made whether to make a recall and if so, the degree to which a recall is to be made

Follow-up of complaints will contribute to a higher and more uniform product quality and as well as prevent further defects, improve quality and client satisfaction.

# d) Persons responsible

Within each company, 2 persons responsible with adequate knowledge shall be assigned the task of dealing with complaints. The persons responsible must also have the authority to decide on measures to be taken. The required particulars for the responsible persons are as follows:

# PERSON RESPONSIBLE I PERSON RESPONSIBLE II

- Name
- NIC / Passport No
- Position
- Home Address
- Telephone No
- NIC / Passport No

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01 Effective Date: 27/08/2021 Page 9 of 26

- Position
- Home Address
- Telephone No

# e) Reporting

Procedures shall be developed within the company for the receipt of reports on complaints at any time. It is important that complaints reach the persons responsible. All complaints reported should be recorded and properly documented.

# f) Investigation

The persons responsible should initiate the investigation immediately. The investigation shall be documented. If a material and/or product defect is discovered or suspected in a batch, consideration should be given to determine whether other batches are also affected.

The investigation should also cover:

- Distribution condition
- Condition under which the material and/or product is used

# g) Corrective and preventive action

The persons responsible shall ensure that all the corrective and preventive actions are taken following the outcome of the investigation. All corrective and preventive actions should be recorded, reported and implemented. If a recall has been decided, some of the procedures stated in the Product Recall Procedure shall be applied. The company's management shall discuss possible steps to prevent future defects and take over any responsibility for further handling of the complaint from the persons responsible.

# h) Response to complainant

The persons responsible should acknowledge the complainant within 24 hours after receipt of complaint(s). The persons responsible shall provide response to the complainant within an agreed timeframe after completion of the investigation. If the person who complains is informed of the outcome of the investigation over the telephone, the date and information provided shall be noted.

# i) Documentation

Each individual complaint and its relevant attached documents shall be filed. A final report shall be prepared and kept in the Complaint File. One copy of the final report shall be forwarded to the relevant parties. A Complaint File should contain:

- 1. Written procedures describing the actions to be taken in the handling of all written and oral complaints regarding materials and products (procedures for dealing with complaints).
- 2. A written record of each individual complaint and as well as the completed investigation report.

# **10.** RETURNED AND REJECTED PRODUCTS

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Returned products must be handled according to a written, risk-based process taking into account the product concerned, any specific storage requirements and the time elapsed since the medicinal product was originally dispatched. Returns should be conducted in accordance with national law and contractual arrangements between the parties.

All returned and rejected materials and/or products should be placed in quarantine and be clearly marked as such. They should be stored separately in restricted area.

The fate of returned and rejected materials and/or products should be determined after sufficient evaluation by authorized person.

Provision should be made for the appropriate and safe transport and storage of returned or rejected materials and/or products in accordance with the relevant storage and other requirements.

All action taken should be approved and recorded.

# **11. PRODUCT RECALL**

This section is referred to the "Guidelines on Recall procedure" published by the NMRA.

# **12. SELF INSPECTION**

The quality assurance system should include self-inspections. These should be conducted in order to monitor implementation and compliance with the principles of GDP and to trigger necessary corrective and preventive measures.

Self-inspections should be conducted in an independent and detailed way by a designated, competent person, according to an approved written procedure.

The results of all self-inspection should be recorded. Reports should contain all observations made during the inspection and, where applicable, proposals for corrective measures. There should be an effective follow-up program. Management should evaluate the inspection report, and corrective actions taken and recorded

# **13. PREMISES AND FACILITIES**

# a) Premises

Should be suitably located, designed, constructed and maintained to ensure appropriate operations such as receiving, storage, picking, packing and dispatch of medical products.

There should be sufficient space, lighting and ventilation to ensure required egregation, appropriate storage conditions and cleanliness.

Sufficient security should be provided and access should be controlled.

Appropriate controls and segregation should be provided for products requiring specific handling or storage such as radio-active materials, products containing hazardous substances, and products to be stored under controlled temperature and relative humidity conditions.

Receiving and dispatch bays should be separate and should protect products from weather conditions.

Activities relating to receiving and dispatch such be done in accordance with authorized procedures. Areas should be suitably equipped for the operations.

Premises should be kept clean. Cleaning equipment and cleaning agents should not become possible sources of contamination.

Premises should be protected from the entry of birds, rodents, insects and other animals. A rodent and pest control programme should be in place.

Toilets, wash, rest and canteen facilities should be separate from other areas. Food, eating, drinking, and smoking should be prohibited in all areas where medical products are stored or handled.

## b).Receiving

Each incoming delivery should be checked against the relevant documentation to ensure that the correct product is delivered from the correct supplier. This may include, e.g. the purchase order, each container, label description, batch number, product and quantity.

The consignment should be examined for uniformity of the containers and, if necessary, should be subdivided according to the supplier's batch number should the delivery comprise more than one batch. Each batch should be dealt with separately.

Each container should be carefully checked for possible contamination, tampering and damage. Any suspect containers or, if necessary, the entire delivery should be quarantined for further investigation.

Receiving areas should be of sufficient size to allow cleaning of incoming containers.

When required, samples should be taken only by appropriately trained and qualified personnel and in strict accordance with written sampling procedure and sampling plans. Containers from which samples have been taken should be labelled accordingly.

Following sampling, the goods should be subject to quarantine. Batch segregation should be maintained during quarantine and all subsequent storage.

Materials and products requiring storage under controlled conditions of temperature and relative humidity should be handled as a priority.

Materials and products should remain in quarantine until an authorized release or rejection is obtained. Measures should be taken to ensure that rejected materials and products cannot be used. They should be stored separately from other materials and products while awaiting destruction or return the supplier.

#### C).Storage areas

Precautions should be taken to prevent unauthorized persons from entering Storage areas.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01 Effective Date: 27/08/2021 Page 12 of 26

Storage areas should be of sufficient capacity to allow the orderly storage of the various categories of materials and products, such as starting and packaging materials, intermediates, finished products, products in quarantine, and released, rejected, returned or recalled products.

Storage areas should be appropriately designed, constructed, maintained or adapted. They should be kept clean and dry and there should be sufficient space and lighting. Storage areas should be maintained Within acceptable temperature limits.

Where special storage conditions are required on the label (e.g. temperature, relative614 humidity), these should be provided, controlled, monitored and recorded.

Materials and products should be stored off the floor and suitably spaced to permit ventilation, cleaning and inspection. Suitable pallets should be used and kept618 in a good state of cleanliness and repair.

A written sanitation programme should be available indicating the frequency of cleaning and the methods to be used to clean the premises and storage areas.

There should be a written programme for pest control. The pest-control agents used should be safe and there should be no risk of contamination of the materials and products.

There should be appropriate procedures for the clean-up of any spillage to ensure complete removal of any risk of contamination.

Where the status is ensured by storage in separate areas, these areas must be clearly marked and their access restricted to authorized personnel. Any system replacing physical separation and labelling or demarcation should provide equivalent security. For example, computerized systems can be used provided that they are validated to demonstrate security of access.

Where required, a separate sampling area should be in place. If sampling is performed in the storage area, it should be conducted in such a way that there is no risk of contamination or cross contamination. Adequate cleaning procedures should be in place for the sampling areas.

Certain materials and products such as highly active and radioactive materials, narcotics and other hazardous, sensitive and/or dangerous materials and products, as well as substances presenting special risks of abuse, fire or explosion (e.g. combustible liquids and solids and pressurized gases), should be stored in a dedicated area that is subject to appropriate additional safety and security measures.

Where required, mapping studies for temperature and relative humidity, as appropriate, should be done to show uniformity across the storage facility. (Ref: WHO 678 Technical Report – time- and temperature-sensitive pharmaceutical products). This applies, for example, to areas, refrigerators and freezers.. Temperature and relative humidity, as appropriate, should be controlled and monitored at regular intervals. Data should be recorded and the records should be684 reviewed. The equipment used for monitoring should be calibrated and be suitable for685 their intended use. All records pertaining to mapping and monitoring should be kept686 for a suitable period of time and as required by national legislation.

Temperature and relative humidity, as appropriate, should be controlled and monitored at regular intervals. Data should be recorded and the records should be reviewed. The equipment used for monitoring should be calibrated and be suitable for their intended use. All records pertaining to mapping and monitoring should be kept for a suitable period of time and as required by national legislation.

The storage conditions for materials and/or products should follow the required storage specification of the materials and/or products.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Effective Date: 27/08/2021 Page 13 of 26

Where temperature is not stated (in terms of range) on the labels of the materials or products the following definitions should be followed:-

ON THE LABEL	MEANS	
Freezer	The temperature is thermostatically controlled between -20°C and -	
	10°C	
Refrigerator	The temperature is thermostatically controlled between 2°C and 8°C	
Protect from light	tect from light To be provided to the user in a light resistant container	
Room temperature	The temperature is between 15°C and 30°C	
Warm	The temperature is between 30°C and 40°C	
Excessive heat	The temperature is above 40°C	
Do not store over 30°C	The temperature is between 2°C and 30°C	
Do not store over 25°C	The temperature is between 2°C and 25°C	
Do not store over 15°C	The temperature is between 2°C and 15°C	
Do not store over 8°C	The temperature is between 2°C and 8°C	
Do not store below 8°C The temperature is between 8°C and 25°C		

# 14. STOCK CONTROL AND ROTATION

Periodic stock reconciliation should be performed at defined intervals by comparing the actual and recorded stocks.

Comprehensive records should be maintained showing all receipts and issues of materials and/or products according to batch number.

Periodic stock reconciliation should be performed comparing the actual and recorded materials and/or products quantity. All significant stock discrepancies should be subjected to investigation to check against inadvertent mix-ups and wrong issues.

Issues should normally observe the principle of stock rotation (FEFO) especially where expiry dated materials and/or products are concerned.

Materials and/or products with broken seals, damaged packaging or suspected of possible contamination must not be sold or supplied.

Goods bearing an expiry date must not be received or supplied after their expiry date or too close to their expiry date that this date is likely to occur before the goods are used by the consumer.

All labels and containers of materials and/or products should not be altered, tampered or changed. Acts and regulations relating to labels and containers should be adhered to at all times.

Partly used containers of materials and/or products should be securely re-closed to prevent spoilage and/or contamination during subsequent storage. Damaged containers should not be issued but should be brought to the attention of the authorized personnel.

Materials and/or products should be protected from excessive climatic conditions during storage and transit, such as heat, moisture and direct sunlight. They should be stored separately from other materials and/or products in conditions which satisfy the requirements for the materials and/or

products, so that shelf-life declaration may be maintained.

# **Control of expired stock**

All stocks should be checked regularly for expired and degraded materials and/or products. All due precautions should be observed to preclude issue of expired materials and/or products.

# **15. EQUIPMENT AND VEHICLES**

All equipment impacting on storage and distribution of medicinal products should be designed, located and maintained to a standard which suits its intended purpose. Planned maintenance should be in place for key equipment vital to the functionality of the operation.

Computerized systems should be capable of achieving the desired output and results.

Where electronic commerce (e-commerce) is used, i.e. electronic means are used for any of the steps, defined procedures and adequate systems should be in place to ensure traceability and confidence in the supply chain and products concerned.

Electronic transactions (including those conducted via the Internet) relating to the distribution of medical products should be performed only by authorized persons according to defined and authorized access and privileges.

Equipment used to control or to monitor the environment where the therapeutic goods are stored should be calibrated at defined intervals based on a risk and reliability assessment.

Calibration of equipment should be traceable to a national or international measurement standard.

Appropriate alert systems should be in place to provide alerts when there are excursions from predefined storage conditions. Alert levels should be appropriately set and should be regularly tested to ensure adequate functionality.

Equipment repair, maintenance and calibration operations should be carried out in such a way that the integrity of the medicinal products is not compromised.

Equipment and processes should be respectively qualified and/or validated before commencing use and after any significant changes, e.g. repair or maintenance.

Vehicles and equipment used to distribute or transport materials and/or products should be suitable for their use and appropriately equipped to prevent exposure of the materials and/or products to conditions that could affect their stability and packaging integrity, and prevent contamination of any kind.

Vehicles and equipment used must aim to minimize the risk of errors and permit effective cleaning and/or maintenance, to avoid contamination, accumulation of dust or dirt and/or any adverse effect on the quality of materials and/or products being distributed.

Dedicated vehicles and equipment should be used, where possible, when handling materials and/or products.

There should be procedures in place for the operation and maintenance of all vehicles and equipment involved in the distribution process, including cleaning and safety precautions.

Vehicles, containers and equipment should be kept clean, dry and free from accumulated waste. Organizations in charge of the distribution must ensure that vehicles are cleared up on regular basis.

Effective Date: 27/08/2021 Page 15 of 26

Vehicles, containers and equipment should be kept free from rodents, vermin, birds and other pests. There should also be written program for such pest control. Cleaning and fumigation agents should not have an adverse effect on material and/or product quality.

Special attention should be given to the design, use, cleaning and maintenance of all equipment used for the handling of materials and/or products which are not in a protective shipping carton or case.

Where special storage conditions (e.g. temperature and/or relative humidity), different from or limiting, the expected environmental conditions, are required during transit these should be provided, checked, monitored and recorded.

Equipment used for monitoring conditions within vehicles and containers, e.g. temperature and humidity, should be calibrated, at regular intervals.

Vehicles and containers should be of sufficient capacity to allow orderly storage of the various categories of materials and/or products during transportation.

Where possible, mechanisms should be available to allow for the segregation during transit of rejected, recalled and returned materials and/or products as well as those suspected to be counterfeits. Where feasible, such goods must be securely packaged, clearly labeled, and be accompanied by appropriate supporting documentation.

Measures should be in place to prevent unauthorized persons from entering and/or tampering with vehicles and/or equipment, as well as to prevent the theft or misappropriation thereof.

# **16. QUALIFICATION AND VALIDATION**

The scope and extent of qualification and validation should be determined using a documented risk assessment approach.

Premises, utilities, equipment and instruments, processes and procedures should be considered. The scope and extent of qualification and validation in case of any significant changes should be identified.

Qualification and validation should be done following procedures and protocols. The results and outcome of the qualification and validation should be recorded in reports. Deviations should be investigated and the completion of the qualification and

validation should be concluded and approved by responsible personnel.

# **17. PERSONNEL**

The company should designate a person as "responsible person". A registered pharmacist is desirable. The responsible person should have appropriate competence and experience as well as knowledge of and training in GDP.

The responsible person should carry out their duties in such a way as to ensure that can demonstrate GDP compliance.

The company should have an adequate number of personnel with the necessary qualifications and/or practical experience. The responsibilities placed on any individual should not be so extensive as to present any risk to quality.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Effective Date: 27/08/2021 Page 16 of 26

Key personnel who perform supervisory and/or controlling store or warehouse functions should possess the necessary competency, knowledge and experience. They should also where necessary be in possession of the required professional and technical qualifications suitable for the tasks assigned to them.

The company must have an organization chart. Personnel in responsible positions should have specific duties recorded in written job descriptions and adequate authority to carry out their responsibilities. Their duties may be delegated to designated deputies of a satisfactory qualification level. There should be no gaps or unexplained overlaps in the responsibilities of those personnel concerned with the application of GDP.

Personnel employed in storage facilities should be certified healthy and fit for their assigned responsibilities. They should receive medical examination upon recruitment. After the first medical examination, examinations should be carried out periodically.

Personnel employed in storage facilities should wear suitable protective or working garments, if necessary.

Besides the basic training on the theory and practice of GDP, newly recruited personnel should receive training appropriate to the duties assigned to them. Continuing training should also be given, and its practical effectiveness should be periodically assessed. Training program should be available and approved. Training records should be kept.

Visitors or untrained personnel should, preferably, not be taken into storage areas. If this is unavoidable, they should be closely supervised.

Personnel dealing with any products which require more stringent handling conditions should receive specific training. Examples of such products include hazardous products, radioactive materials, products presenting special risks of abuse (including narcotic and psychotropic substances), and temperature-sensitive products.

A record of all training should be kept, and the effectiveness of training should be periodically assessed and documented.

Appropriate procedures relating to personnel hygiene, relevant to the activities being carried out, should be established and observed. Such procedures should cover health, hygiene and clothing.

# **18. DOCUMENTATION**

Good documentation constitutes an essential part of the quality system. Written documentation should prevent errors from spoken communication and permits the tracking of relevant operations during the distribution of Therapeutic Goods

# a. written instructions

Written instructions should describe the different operations which may affect the quality of the materials and/or products or of the distribution activity:

Receipt and checking of deliveries,

- a) Storage, cleaning and maintenance of the premises (including pest control),
- b) Recording of the storage conditions,

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Effective Date: 27/08/2021 Page 17 of 26

- c) Security of stocks on site and of consignments in transit,
- d) Withdrawal from saleable stock
- e) Records, including records of clients' orders,
- f) Returned materials and/or products, recall plans, etc.

These procedures should be approved, signed and dated by the authorized person. Records should be made at the time each operation is taken and in such a way that all significant activities or events are traceable. Records should be clear and readily available. The retention of documentation relating to the distribution of materials and/or products should comply with the national requirements.

If records are computerized, only authorized persons should be able to enter or modify data in the computer. Access should be restricted by passwords or other means. User should have a unique identifier (User ID) for their personal and sole use so that activities can subsequently be traced to the responsible individual.

Records electronically stored should be protected by back-up transfer on paper or other means, at regular intervals. It is particularly important that the data, including audit trail, are readily available throughout the period of retention. Back-up data should be stored as long as necessary at a separate and secure location.

#### b. Inventory system

These should include;

- 1. Name of Materials or Products
- 2. Strength and Packing size of materials and products
- 3. Product Identification Number
- 4. Date of Transaction
- 5. Invoice No. / Delivery No.
- 6. Quantity Received
- 7. Quantity Supplied
- 8. Batch No. (where applicable)
- 9. Stock Balance
- 10. Initial / Signature

Entries of incoming goods should be clearly identified and inventory entry is required for each material and/or product as well as each strength of the same material and/or product.

#### c. Labeling of containers / packaging materials

All containers or packaging materials should be clearly and indelibly labeled with at least the name and/or of the material and/or product, and the lot number of the batch.

Written information should exist for each stored material and/or product indicating recommended storage conditions, along with any precautions to be observed. Pharmacopoeia requirements and other current national regulations concerning labels and containers should be respected at all times.

# **19. ACTIVITIES AND OPERATIONS**

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Effective Date: 27/08/2021 Page 18 of 26

All activities and operations relating to procurement, storage and distribution of medical products should be conducted in accordance with national legislation, GSP, GDP and associated guidelines.

Storage and distribution of medical products should be done by persons so authorized, in accordance with national legislation. Activities and operations should be performed in accordance with documented procedures.

#### Receiving

Materials and products should be procured from appropriately authorized suppliers. Deliveries should be examined for damage, seal intactness, signs of tampering, labelling, completeness of order and other related aspects, at receipt. Containers and consignments not meeting acceptance criteria for receiving should be separated, quarantined and investigated. This includes suspected falsified products. Materials and products requiring specific storage conditions, or access control (e.g. Narcotics) should be processed without delay and stored in accordance with their requirements.

#### Storage

There should be sufficient space for the safe and secure storage of medical products. Appropriate controls should be implemented to prevent contamination and/or mix ups during storage. Storage areas should be clean and kept free from litter, birds, dust and pests. Controls and procedures should be in place to prevent and handle spillage and breakage. Materials and products should be stored under the conditions specified on the label, e.g. Controlled temperature and relative humidity when necessary.

When specific storage conditions are required, the storage area should be qualified and operated within the specified limits. The storage conditions should be monitored and records maintained. The records should be reviewed and trends and out of limit results investigated.

Stock should be rotated and the FEFO policy should be implemented.

Computerized systems used for stock management should be validated.

Materials and products reaching their expiry date should be separated from usable stock and not be supplied.

#### **Repackaging and relabeling**

Repackaging and relabeling of materials and products are not recommended. Where they do occur, they should only be performed by entities appropriately authorized to do so and in compliance with the applicable national, regional and international requirements, and in accordance with GMP.

Procedures should be in place for the controlled disposal of original packaging to prevent re-use.

#### **Distribution and transport**

Materials and products should be transported in accordance with the conditions stated on the labels. There should be no risk to the quality of the material or product during transport and distribution.

Product, batch and container identity should be maintained at all times.

All labels should remain legible.

Distribution records should be sufficiently detailed to allow for a recall when required.

A copy of the original certificate of analysis from the manufacturer should be provided to the customer.

Drivers of vehicles should be identified and present appropriate documentation to demonstrate that they are authorized to transport medical products.

Vehicles should be suitable for their purpose, with sufficient space and appropriately equipped to protect materials and products.

The design and use of vehicles and equipment must aim to minimize the risk of errors and permit effective cleaning and/or maintenance to avoid contamination, build-up of dust or dirt and/or any adverse effect on the quality of the products.

Where feasible, consideration should be given to adding technology, such as global positioning system (GPS) electronic tracking devices and engine-kill buttons to vehicles, which would enhance the security and traceability of vehicles with products.

Where possible, dedicated vehicles and equipment should be used for medical products. Where nondedicated vehicles and equipment are used, procedures should be in place to ensure that the quality of the products will not be compromised. Defective vehicles and equipment should not be used. These should either be labelled as such or removed from service.

There should be procedures in place for the operation and maintenance of all vehicles and equipment. There should be written programmes and records for cleaning and pest control.

Records should be kept. The cleaning and fumigation agents used should not have any adverse effect on product quality.

Equipment chosen and used for the cleaning of vehicles should not constitute a source of contamination. Agents used for the cleaning of vehicles should be approved by management.

Appropriate environmental conditions should be provided, checked, monitored and recorded. All monitoring records should be kept for a minimum of the shelf life of the product distributed plus one year, or longer, if required by national legislation. Records of monitoring data should be made available for inspection by the regulatory or other oversight body.

Instruments used for monitoring conditions, e.g. temperature and humidity, within vehicles and containers should be calibrated at regular intervals.

Where possible, mechanisms should be available to allow for the segregation during transit of rejected, recalled and returned products as well as those suspected as falsified. Such goods should be securely packaged, clearly labelled and be accompanied by appropriate supporting documentation.

Measures should be in place to prevent unauthorized persons from entering and/or tampering with vehicles and/or equipment, as well as to prevent the theft or misappropriation thereof.

Shipment containers should have no adverse effect on the quality of the products and should offer adequate protection to materials and products. Containers should be labelled indicating, e.g. handling and storage conditions, precautions, contents and source, safety symbols as appropriate.

Special care should be taken when using dry ice in shipment containers due to safety issues and possible adverse effects on the quality of products.

Written procedures should be available for the handling of damaged and/or broken shipment containers. Particular attention should be paid to those containing potentially toxic and hazardous products.

#### Dispatch

Products should only be sold and/or distributed to persons or entities that are authorized to acquire such products in accordance with the applicable national legislation.

Written proof of such authorization must be obtained prior to the distribution of products to Such persons or entities.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Dispatch and transportation should be undertaken only after the receipt of a valid order which should be documented.

There should be documented, detailed procedures for the dispatch of products.

Records for the dispatch of products should be prepared and should include information such as, but not limited to, date of dispatch; complete business name and address (no acronyms), type of entity responsible for the transportation, telephone number, names of contact persons; status of the addressee (e.g. retail pharmacy, hospital or community clinic); a description of the products including, e.g. name, dosage form and strength (if applicable); quantity of the products, i.e. number of containers and quantity per container (if applicable);applicable transport and storage conditions; a unique number to allow identification of the delivery order; and assigned batch number and expiry date (where not possible at dispatch, this information should at least be kept at receipt to facilitate traceability).

Records of dispatch should contain enough information to enable traceability of the product. Such records should facilitate the recall of a batch of a product, if necessary, as well as the investigation of falsified or potentially falsified products. In addition, the assigned batch number and expiry date of pharmaceutical products should be recorded at the point of receipt to facilitate traceability.

Vehicles and containers should be loaded carefully and systematically, where applicable on a firstout/last-in basis, to save time when unloading, prevent physical damage and reduce security risks. Extra care should be taken during loading and unloading of cartons to avoid damage.

Products should not be supplied or received after their expiry date, or so close to the expiry date that this date is likely to be reached before the products are used by the consumer.

Products and shipment containers should be secured to prevent or provide evidence of unauthorized access. Vehicles and operators should be provided with additional security, as appropriate, to prevent theft and other misappropriation of products during transportation.

Products should be stored and transported in accordance with procedures such that: the identity of the product is not lost; the product does not contaminate and is not contaminated by other products; adequate precautions are taken against spillage, breakage, misappropriation and theft; and appropriate environmental conditions are maintained, e.g. using cold chain for thermo labile products.

Written procedures should be in place for investigating and dealing with any failure to comply with storage requirements, e.g. temperature deviations. If a deviation has been noticed during transportation by the person or entity responsible for transportation, this should be reported to the distributor and recipient. In cases where the recipient notices the deviation, it should be reported to the distributor.

Transportation of products containing hazardous substances, or narcotics and other dependenceproducing substances, should be transported in safe, suitably designed, secured containers and vehicles. In addition, the requirements of applicable international agreements and national legislation should be met.

Spillages should be cleaned up as soon as possible to prevent possible contamination, crosscontamination and hazards. Written procedures should be in place for the handling of such occurrences.

Damage to containers and any other event or problem that occurs during transit must be recorded and reported to the relevant department, entity or authority, and investigated. Products in transit must be accompanied by the appropriate documentation.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Effective Date: 27/08/2021 Page 21 of 26

Upon receipt, each incoming delivery should be checked against the relevant documentation and Physically verified by label description, type and quantity, against the relevant purchase order Information. The consignment should be examined for uniformity and if necessary should be Subdivided according to the supplier's lot numbers should the delivery comprise of more than one Batch.

All containers should be carefully inspected for tampering, contamination and damage and if necessary the suspected container or the entire delivery should be quarantined or set aside for further investigation. Records should be retained for each delivery.

They should include the description of the goods, quality (if applicable), quantity, supplier details, supplier's batch number, the date of receipt and assigned batch number.

Security measures should be taken to ensure that rejected materials and/or products cannot be used and they should be stored separately from other products while awaiting destruction or return to the supplier. The method adopted should possess adequate safeguards to prevent uncontrolled or unsatisfactory materials from being used or released. Relevant records should be maintained.

Quarantine status can be achieved either through the use of separate storage areas or by means of documentary or electronic data processing systems.

Materials and/or products should remain in quarantine status until a given written release or is rejected by an authorized personnel.

## **20. STOCK CONTROL**

Comprehensive records should be maintained showing all receipts and issues of materials and/or products according to batch number.

Periodic stock reconciliation should be performed comparing the actual and recorded materials and/or products quantity.

All significant stock discrepancies should be subjected to investigation to check against inadvertent mix-ups and wrong issues.

Issues should normally observe the principle of stock rotation (FEFO) especially where expiry dated materials and/or products are concerned.

Materials and/or products with broken seals, damaged packaging or suspected of possible contamination must not be sold or supplied.

Goods bearing an expiry date must not be received or supplied after their expiry date or too close to their expiry date that this date is likely to occur before the goods are used by the consumer.

All labels and containers of materials and/or products should not be altered, tampered or changed. Acts and regulations relating to labels and containers should be adhered to at all times.

Partly used containers of materials and/or products should be securely re-closed to prevent spoilage and/or contamination during subsequent storage. Damaged containers should not be issued but should be brought to the attention of the authorized personnel.

Materials and/or products should be protected from excessive climatic conditions during storage and

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01 Effective Date: 27/08/2021 Page 22 of 26

transit, such as heat, moisture and direct sunlight. They should be stored separately from other materials and/or products in conditions which satisfy the requirements for the materials and/or products, so that shelf-life declaration may be maintained.

# 21. CONTROL OF EXPIRED STOCK

All stocks should be checked regularly for expired and degraded materials and/or products. All due precautions should be observed to preclude issue of expired materials and/or products.

# **23. DISTRIBUTION**

The allocation of shipping materials should be carried out only after receipt of a sales order. Rules for distribution procedures should be established depending on the nature of the materials and/or products, and after taking into account any special precautions to be observed.

The shipping container should offer adequate protection from all external influences and should be indelibly and clearly labeled. When necessary, devices which allow monitoring during transportation should be used.

In the event of materials and/or products shipment, special care should be used when using dry ice in containers. In addition to safety issues, it must be ensured that the materials and/or products do not come into contact with the dry ice, as it may have adverse effect on the quality of the materials and/or products.

Distribution documents should comply with relevant regulations, and at least includes:

- 1. Date of dispatch
- 2. Customer's name and address
- 3. Product description, e.g. name, dosage form and strength, Date of Expiry, batch number and quantity.

# 24. DISPOSAL OF MATERIALS / PRODUCTS

Products regulated under NMRA Act intended for destruction should be appropriately identified, held separately and handled in accordance with a written procedure.

Disposal of materials and/or products should be carried out, according to proper destruction procedures,

approved by appropriate authorities such as NMRA, the Ministry of Environment and local authorities.

Disposal records should be maintained and be retained for a period of five year period from the date of disposal.

# **25. TRANSPORTATION AND GOODS IN TRANSIT**

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Materials and products should be secured in such a manner to prevent or provide evidence of unauthorized access.

Shipments should be secured and include the appropriate documentation to ensure that identification and verification of compliance with regulatory requirements is facilitated at ocean ports, truck borders, airports, custom warehouses and third party logistic providers.

Materials and/or products should be stored and transported in accordance with procedures in such a way that: the identity of the materials and/or products is not lost; the materials and/or products does not contaminate and is not contaminated by other materials and/or products; adequate precautions are taken against spillage, breakage, misappropriation and theft; and temperature and relative humidity conditions are maintained accordingly.

Measures should be established to ensure that materials and/or products have a form of documentation that can be used to permit traceability of the materials and/or products throughout the distribution activity.

Where special conditions are required during transportation that are different from or limited by the given environmental conditions (e.g. temperature, humidity) these should be provided, monitored and recorded.

Written procedures should be in place for investigating and dealing with any violations of storage requirements, e.g. temperature violations.

Transportation and storage of materials and/or products comprising highly active and radioactive materials, other dangerous drugs and substances presenting special risks of abuse, fire or explosion (e.g. combustible liquids, solids and pressurized gases) should be stored in safe, dedicated and secure areas and transported in safe, dedicated and secure containers and vehicles. In addition, applicable international agreements and national legislation should be complied with.

Materials and/or products containing narcotics and other dependence producing substances should be transported in safe and secure containers and vehicles and be stored in safe and secure areas, and where it is a mandatory requirement transported in safe and secure containers and vehicles. In addition, applicable international agreements and national legislation should be complied with.

Spillages should be cleaned as soon as possible to prevent possible contamination, crosscontamination and hazards. Written procedures should be in place for the handling of such occurrences.

Physical or other equivalent (e.g. electronic) segregation should be provided for the storage and distribution during transit of rejected, expired, recalled or returned materials and/or products and suspected counterfeits. The materials and/or products should be appropriately identified, securely packaged, clearly labelled, and be accompanied by appropriate supporting documentation.

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Materials and/or products containing toxic and/or flammable substances should be stored and transported in suitably designed, separate and closed containers, taking into account national legislation and international agreements.

Packaging materials and transportation containers should be of suitable design to prevent damage of materials and/or products during transport. If there are seal control programs, such programs should be in place and managed properly (e.g. seals are issued and tracked in a sequential manner, seals are intact and numbers verified during transit and upon receipt). Third party drivers should be segregated from the warehouse and only allowed in the shipping/receiving area. They should also identify themselves and present paperwork to identify that they are authorized for the load. Subcontracting carriers is not recommended. If subcontracting occurs, they must uphold the same standards as the contracted carrier.

Damage to containers and any other event or problem that occurs during transit must be recorded and reported to the relevant department, entity or authority and investigated.

Materials and/or products in transit must be accompanied by the appropriate documentation. For each importation, the Certificate of Analysis (CoA) for each batch of product must be kept by the importer.

# **26. OUTSOURCED ACTIVITIES**

Any activity covered by the GDP guide that is outsourced should be correctly defined, agreed and controlled in order to avoid misunderstandings which could affect the integrity of the product.

Any activities performed, referenced in the GDP guideline and delegated to another party, should be agreed upon in a contract which clearly establishes the duties of each party.

There should be a written and approved contract or formal agreements between the Contract Giver and Contract Acceptor that addresses and defines in detail the responsibilities and GDP requirements for each party.

The contract should permit the Contract Giver to visit the facilities of the Contract Acceptor. Depending on the nature of activities performed, the Contract Acceptor should understand that he might be subject to inspection by the regulatory authority.

# **27. COUNTERFEIT MATERIALS/ PRODUCTS**

Any counterfeit materials and/or products found in the distribution network should be physically segregated from other materials and/or products to avoid any confusion. They should be clearly labelled.

The regulatory authority and the holder of the marketing authorization of the original materials and/or products should be informed immediately

GL-013- Good Distribution Practices (GDP) Guideline Version and Revision Number/Code: V 2.0 / Rev No :01

Effective Date: 27/08/2021 Page 25 of 26

#### 28. INSPECTION OF STORAGE & DISTRIBUTION FACILITIES

Storage and distribution facilities shall be inspected by authorized officers. This shall be done in general at each license renewal for the existing premises and before approval is granted for new request unless otherwise specified by the NMRA. The Authorized officer shall be appointed under the provisions of the Section 124 of NMRA Act 05 of 2015. The inspection shall be carried out by the team of inspectors and should access compliance with provisions of the NMRA act ,Regulations and GDP and GSP Guidelines. The inspection should cover the Premises ,equipment, Personal, activities, quality system, Qualification & Validation, and other related aspects as contained in this guidelines .Observation of the Inspection report may be categorized based on risk assessment and should be prepared and provided to the inspected entity within 60 days from the last day of inspection,

CAPA for the observations listed as non-compliance the inspecting report should be submitted for review by the Inspectors within the defined period as stated in the Inspection report.

#### **29. REFERENCES**

- PIC/S GUIDE TO GOOD DISTRIBUTION PRACTICE FOR MEDICINAL PRODUCTS
- WHO Guideline for good distribution practices for pharmaceutical products
- WHO Guideline for Good storage and distribution practices for medical products

#### **30. FEEDBACK**

Staff and customers may provide feedback about this document by emailing info@nmra.gov.lk

# **31. APPROVAL AND REVIEW DETAILS**

	Title	Signature	Date
Prepared by			
Reviewed By			
Authorized By			
		Next Review Date .	
		<u> </u>	
GL-013- Good Distribution P Version and Revision Numbe	ractices (GDP) Guideline er/Code: V 2.0 / Rev No :01		Effective Date: 27/08/2021 Page 26 of 26