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CAPA Excellence in Pharmaceutical Raw Material Quality, Storage & Distribution

23 – 27 May 2027
Online

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CAPA Excellence in Pharmaceutical Raw Material Quality, Storage & Distribution

Ref: 3255718_209275 **Date:** 23 – 27 May 2027 **Location:** Online **Fees:** 2200 GBP

Introduction

The "CAPA Principle and Quality Management Systems for Raw Material Storage and Distribution" course is designed to strengthen participants' understanding of Corrective and Preventive Action CAPA principles within pharmaceutical raw material storage and distribution operations. This comprehensive program explores essential quality management system requirements, good documentation practices, risk management, raw material handling, storage qualification, and supply chain integrity.

The course provides practical knowledge and tools needed to maintain compliance, reduce quality risks, improve documentation accuracy, and ensure that raw materials are stored, handled, and distributed under controlled and approved conditions. It is ideal for quality assurance professionals, warehouse teams, supply chain personnel, pharmacists, distribution managers, and professionals involved in pharmaceutical raw material operations.

Course Objectives:

By the end of this course, participants will be able to:

- Understand CAPA Principles: Learn how corrective and preventive actions support continuous improvement, quality control, and regulatory compliance.
- Apply Quality Management Systems: Understand QMS requirements related to raw material storage, warehousing, handling, and distribution.
- Implement Good Documentation Practices: Apply accurate, clear, traceable, and compliant documentation practices across pharmaceutical operations.
- Manage Distribution Risks: Identify, assess, and control risks related to raw materials, suppliers, storage areas, transportation, and supply chain activities.
- Control Raw Material Handling: Apply proper procedures for receiving, sampling, labeling, quarantine, release, rejection, segregation, and material status control.
- Ensure Proper Storage Conditions: Understand temperature, humidity, monitoring, calibration, and qualification requirements for storage areas and controlled environments.
- Maintain Transportation and Supply Chain Integrity: Apply transportation controls, supplier qualification practices, traceability measures, and security requirements to protect raw material quality.



Course Outlines

Day 1: CAPA Principles and Quality Management Systems

- Overview of CAPA and its role in pharmaceutical quality systems.
- Understanding corrective actions, preventive actions, root cause analysis, and effectiveness checks.
- Quality Management Systems specific to raw material storage and distribution.
- Roles and responsibilities within warehouse, QA, QC, and supply chain teams.
- Common quality events, deviations, complaints, and non-conformities in storage and distribution.

Day 2: Good Documentation Practices

- Principles of Good Documentation Practices in pharmaceutical environments.
- Data integrity, accuracy, traceability, legibility, and record retention.
- Documentation requirements for receiving, storage, dispensing, distribution, and transportation.
- Common documentation errors and how to prevent them.
- Managing SOPs, forms, logs, batch-related records, and electronic documentation systems.

Day 3: Risk Management in Pharmaceutical Distribution

- Introduction to quality risk management and its importance in pharmaceutical distribution.
- Identifying risks related to raw materials, suppliers, storage areas, transportation, and temperature control.
- Risk assessment tools and practical application in warehouse and distribution operations.
- Linking risk management outcomes to CAPA and continuous improvement.
- Developing mitigation plans and monitoring the effectiveness of risk controls.

Day 4: Handling and Control of Raw Materials

- Receiving and inspection of pharmaceutical raw materials.
- Sampling, quarantine, release, rejection, and segregation procedures.
- Labeling requirements and material status control.
- Prevention of contamination, mix-ups, deterioration, and unauthorized use.
- Handling of damaged, expired, returned, recalled, or rejected materials.

Day 5: Storage Conditions, Qualification, Transportation, and Supply Chain Integrity

- Storage condition requirements for pharmaceutical raw materials.
- Temperature and humidity monitoring, alarm systems, calibration, and trend analysis.
- Qualification and mapping of storage areas, warehouses, cold rooms, and controlled environments.
- Transportation requirements, supplier qualification, and distribution controls.
- Maintaining supply chain integrity through traceability, security, tamper prevention, and proper documentation.



Why Attend This Course? Wins & Losses!

- Strengthen Compliance: Gain practical knowledge of CAPA, QMS, and documentation requirements for pharmaceutical raw material operations.
- Reduce Quality Risks: Learn how to identify, assess, and control risks across storage and distribution activities.
- Improve Documentation Accuracy: Master documentation practices that support traceability, inspection readiness, and data integrity.
- Enhance Material Control: Understand how to handle, segregate, label, and store raw materials safely and correctly.
- Protect Supply Chain Integrity: Learn strategies to maintain product quality during storage, transportation, and distribution.
- Support Continuous Improvement: Use CAPA and risk management tools to prevent recurrence of problems and improve operational performance.

Conclusion

The "CAPA Principle and Quality Management Systems for Raw Material Storage and Distribution" course is an essential program for professionals working in pharmaceutical warehousing, quality assurance, raw material management, and supply chain operations. Participants will gain a solid understanding of CAPA principles, good documentation practices, risk-based thinking, storage qualification, and transportation controls.

By attending this course, participants will be better equipped to maintain compliance, protect raw material quality, prevent operational errors, and support a reliable pharmaceutical distribution system.

Enroll now to enhance your expertise in CAPA, pharmaceutical quality systems, and raw material storage and distribution management.

