



*Training Course:
Logistics of Chemicals from the US*

*21 - 25 July 2024
Alexandria (Egypt)*

Training Course: Logistics of Chemicals from the US

Training Course code: SC235432 From: 21 - 25 July 2024 Venue: Alexandria (Egypt) - Training Course Fees: 4345 € Euro

Introduction

This training program is designed to provide participants with comprehensive knowledge and practical skills in the logistics of chemicals from the US. The program covers the entire supply chain process, from procurement to transportation, storage, and distribution. Participants will gain an understanding of the regulatory environment, safety standards, and best practices in chemical logistics.

Target Audience

- Logistics professionals
- Supply chain managers
- Chemical industry professionals
- Safety and compliance officers
- Warehouse managers
- Transportation coordinators

Objectives

1. Understand the fundamentals of chemical logistics and supply chain management.
2. Learn about the regulatory requirements and safety standards for transporting chemicals.
3. Develop skills in planning and managing the transportation and storage of chemicals.
4. Gain insights into the best practices for handling chemical logistics in the US.
5. Enhance problem-solving abilities and decision-making skills in logistics operations.

Outlines

Day 1:

Introduction to Chemical Logistics

- Welcome and Introduction

- Overview of the training program
- Importance of chemical logistics
- Basics of Chemical Logistics
- Definition and scope
- Key players in the chemical supply chain
- Group discussion on the challenges in chemical logistics
- Case study on regulatory compliance

Day 2:

Regulatory Environment and Safety Standards

- Regulatory Environment
- US regulations and standards OSHA, EPA, DOT
- International regulations IMDG, IATA
- Safety Standards and Compliance
- Hazard classification and labeling GHS
- Safety Data Sheets SDS
- Workshop on understanding and applying regulatory requirements
- Interactive session on safety standards and compliance

Day 3:

Chemical Transportation

- Modes of Transportation
- Road, rail, sea, and air transport
- Pros and cons of each mode
- Transportation Planning

- Route planning and optimization
- Carrier selection
- Packaging and Labeling Requirements
- Types of packaging for chemicals
- Labeling and marking standards
- Risk Management in Transportation
- Identifying and mitigating risks
- Emergency response planning
- Workshop on transportation planning
- Simulation exercise on risk management

Day 4:

Storage and Warehousing

- Warehouse Management
- Types of warehouses for chemicals
- Layout and design considerations
- Inventory Management
- Inventory tracking systems
- Stock rotation and handling
- Safety and Security Measures
- Fire prevention and control
- Security protocols for hazardous materials
- Regulatory Compliance in Storage
- OSHA and EPA requirements
- Inspection and audit preparation
- Interactive session on inventory management techniques

Day 5:

Distribution and Supply Chain Management

- Distribution Network Design
- Distribution channels and strategies
- Logistics service providers
- Supply Chain Integration
- Collaboration and coordination with suppliers and logistics partners
- Use of technology in supply chain management
- Performance Metrics and Continuous Improvement
- Key performance indicators KPIs for chemical logistics
- Strategies for continuous improvement
- Case study on supply chain integration
- Group discussion on performance metrics and improvement strategies

Registration form on the Training Course: Logistics of Chemicals from the US

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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