



Workshop Machinery Management: Operation and Maintenance

Course Introduction:

This 5-day theoretical training course, "Workshop Machinery Management: Operation and Maintenance," is designed to provide participants with the knowledge and skills necessary to effectively manage workshop machinery throughout its lifecycle.

Throughout the course, participants will delve into key topics such as machinery operation principles, maintenance strategies, and safety protocols. Emphasis will be placed on understanding the functionalities of different types of machinery, recognizing the importance of preventive maintenance, and implementing best practices for optimal performance. By examining case studies and industry standards, attendees will gain valuable insights into the challenges associated with workshop machinery management, preparing them to enhance productivity and safety in their respective environments.

Course Objectives:

By the end of the program, participants will be able to:

- Understand the fundamental principles of workshop machinery operation.
- Learn about different types of workshop machinery and their applications.
- Explore effective maintenance strategies to ensure machinery longevity.
- Analyze safety protocols and risk management techniques in machinery operations.
- Familiarize participants with industry standards and best practices in machinery management.

Who Should Attend?

This course is intended for Workshop managers and supervisors, Operators and technicians working with various types of machinery, Safety officers and compliance personnel and Maintenance staff and engineers.

Course Outline:

Day 1: Introduction to Workshop Machinery

- Overview of different types of workshop machinery and their functions
- Key definitions and concepts related to machinery operation
- Historical context and evolution of workshop machinery practices

Day 2: Principles of Machinery Operation

- Examination of operational protocols and procedures for various machinery
- Understanding the mechanical and electrical systems in workshop machinery
- Discussion of common operational challenges and solutions

Day 3: Maintenance Strategies for Workshop Machinery

- Overview of routine maintenance tasks and schedules
- Importance of preventive and predictive maintenance
- Techniques for diagnosing and troubleshooting machinery issues

Day 4: Safety Protocols and Risk Management

- Analysis of potential hazards associated with workshop machinery
- Development of risk assessment strategies and safety plans
- Importance of training and communication in promoting a safety culture

Day 5: Industry Standards and Best Practices

- Exploration of relevant industry standards and regulations for machinery management
- Review of case studies showcasing successful machinery management practices
- Strategies for continuous improvement in workshop machinery operations and maintenance

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work

Course Fees:

To be advice as per course location. This rate includes participant's manual, Hands-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session