

# € TRAINING

EPC Management





# EPC Management

## Introduction:

Engineering, Procurement, and Construction EPC Management is a critical aspect of executing large-scale projects efficiently and successfully. This training program is designed to provide participants with a comprehensive understanding of EPC contracts and equip them with the tools to manage risks, compliance, and project deliverables effectively.

## Program Objectives:

At the end of this program, participants will be able to:

- Develop a thorough understanding of EPC contracts and their structure.
- Highlight the roles and responsibilities of stakeholders involved in EPC projects.
- Gain the tools for risk assessment and mitigation in EPC projects.
- Enhance skills in monitoring compliance with contract terms and handling contract changes.
- Promote the adoption of best practices for effective management of EPC projects.

## Targeted Audience:

- Project managers and engineers involved in EPC projects.
- Contract managers and procurement specialists.
- Construction managers and supervisors.
- Legal advisors and consultants working on EPC contracts.
- Professionals seeking to enhance their knowledge of EPC project management.

## Program Outline:

### Unit 1:

#### Introduction to EPC Contracts:

- Overview and definition of EPC contracts.
- Key features and phases of an EPC project.

- Legal and regulatory frameworks governing EPC contracts.
- Common pitfalls and challenges in EPC contract execution.

## Unit 2:

### Roles and Responsibilities in EPC Projects:

- Identifying key stakeholders: Owners, contractors, and subcontractors.
- Defining roles and responsibilities in contract execution.
- Effective communication and coordination strategies.
- Case studies: Successful EPC project role delineation.

## Unit 3:

### Risk Assessment and Mitigation in EPC Projects:

- Types of risks in EPC projects financial, operational, and legal.
- Methods for identifying and assessing risks.
- Strategies for risk allocation and mitigation.
- Tools and techniques for managing project uncertainties.

## Unit 4:

### Monitoring Compliance and Managing Changes:

- Techniques for ensuring adherence to contract terms.
- Tools for tracking project milestones and deliverables.
- Managing contract variations and handling disputes.
- How to draft a compliance monitoring plan.

## Unit 5:

### Best Practices for Effective EPC Project Management:

- How to implement project controls and performance measurement.
- Leveraging technology and software for EPC management.



- Importance for developing and maintaining strong stakeholder relationships.
- Creating a roadmap for EPC project success.