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PROCUREMENT AND SUPPLY CHAIN MANAGEMENT | PSCM-012

Engineering, Procurement, and Construction (EPC) Contracts

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Course content

Why Attend

Course Introduction

Engineering, Procurement, and Construction (EPC) contracts are essential in the domain of construction and infrastructure projects.

These contracts offer a structured framework by designating a single entity to oversee the design, procurement, and construction phases of a project.

This Engineering, Procurement, and Construction (EPC) Contracts training course is designed to provide participants with the knowledge and skills required to proficiently manage EPC contracts.

The Engineering, Procurement, and Construction (EPC) Contracts training course covers the full spectrum of EPC project management, from grasping the complexities of engineering design to mastering procurement strategies and navigating contract administration.

Participants will gain a comprehensive understanding of how to effectively manage every stage of an EPC project.

Course Methodology

This training course will utilize a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented.

This includes a combination of presentations, group exercises, videos and class discussions in order to examine in an in-depth fashion all the elements of the course content.

Who should Attend?

This training course is designed for professionals involved in construction, engineering, project management, and procurement, including but not limited to:

- Project Managers and Project Engineers
- Construction Managers and Supervisors
- Procurement Specialists and Supply Chain Managers
- Contract Administrators and Legal Professionals

Course content

Course Methodology

• Engineers (Civil, Mechanical, Electrical, etc.)

• Architects and Designers

• Consultants and Advisors in the Construction Industry

• Government Officials and Regulators involved in Infrastructure Development

• Professionals seeking to enhance their understanding of EPC contracts and project management principles in construction and infrastructure projects

Course Objectives

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

• Gain a thorough understanding of EPC contracts, including their purpose, components, and types

• Familiarize themselves with the engineering aspects of EPC contracts, from design criteria to change management

• Develop proficiency in procurement management within the context of EPC projects, including supplier selection and risk mitigation strategies

• Learn essential construction management techniques, such as planning, quality control, and safety management

• Acquire knowledge of contract administration best practices, including change management, claims resolution, and project closeout procedures

• Explore case studies and real-world examples to reinforce learning and apply concepts to practical scenarios

• Enhance their project management skills and contribute effectively to the successful delivery of EPC projects

Course outline

Course content

Course outline

Day One: Introduction to EPC Contracts

• Understanding EPC contracts: Definition, purpose, and significance in construction projects

• Key stakeholders involved in EPC contracts: Owners, contractors, engineers, suppliers, and subcontractors

• Types of EPC contracts: Lump sum, cost reimbursable, and unit price contracts

• Advantages and challenges of EPC contracts

• Case studies of successful EPC projects

Day Two: Engineering Aspects of EPC Contracts

• Overview of engineering design in EPC contracts

• Design criteria and specifications

• Role of engineering consultants and designers

• Design review and approval process

• Handling design changes and variations

Day Three: Procurement Management in EPC Contracts

• Procurement planning and strategy development

• Supplier identification, prequalification, and selection

• Contract negotiation and award

• Supply chain management and logistics

• Risk management in procurement

Day Four: Construction Management in EPC Contracts

• Construction planning and scheduling

Course content

Course outline

- Site mobilization and preparation
- Quality control and assurance
- Health, safety, and environmental management
- Progress monitoring and reporting

Day Five: Contract Administration and Project Delivery

- Contract administration procedures and responsibilities
- Change management: Handling variations, claims, and disputes
- Performance monitoring and evaluation
- Project handover and closeout
- Lessons learned and continuous improvement in EPC projects

Seminar dates

Available seminar dates

Live dates and pricing for Engineering, Procurement, and Construction (EPC) Contracts generated from the course details page.

Date	Location	Format	Fee
6 - 10 July 2026	Munich - Germany	Classroom	**€3,450.-**
10 - 14 August 2026	Barcelona - Spain	Classroom	**€3,850.-**
14 - 18 September 2026	Rome - Italy	Classroom	**€4,250.-**
5 - 9 October 2026	Munich - Germany	Classroom	**€3,450.-**
16 - 20 November 2026	Amsterdam - Netherlands	Classroom	**€4,250.-**
7 - 11 December 2026	London - U.K	Classroom	**€4,200.-**

Live online option	Online delivery is available at €1,850.-.