

E-680

OBJECTIVES

To provide a better understanding of the difficulties relative to the organization of works, and give common tools for their management.

On completion of the course, participants:

- know the duties, and role of the main parts involved in a construction project,
- are aware of the necessity for a good preparation of a construction project,
- are able to participate to the definition and implementation of sub-contracting activities,
- know the main tools used for construction project organization and management.

COURSE CONTENT

ORGANIZATION OF CONSTRUCTION PROJECTS 1 day

Different types of construction projects: new projects, modification projects, repair or maintenance projects

Preparation of construction projects:

- Work analysis and definition of the scope of works
- Identification of elementary tasks
- Cost estimation
- Planning
- Priority management
- Management of long lead items

PREPARATION OF CALL FOR TENDER - CONTRACT SPECIFICITIES 1 day

- Call for tender
- Decision tools
- Selection of subcontractors
- Management of sub-contractors

MANAGEMENT OF CONSTRUCTION WORKS 1 day

- Field preparation
- Work supervision
- Quality assurance
- Pre-commissioning and Commissioning – Opercom
- Handover
- Project Technical Reviews - PTR

HSE RELATIVE TO CONSTRUCTION WORKS 2 days

Hazard relative to construction works:

- Lifting:** manual and mechanical
- Height works:** ladders, scaffolding, nacelles...
Opening or tightening of piping and equipment
- Use of **tools:** sand cleaning, lifting, chemical and HP cleaning, hydraulic tests, flexible pipes, welding tools, milling...
- Radioactive** sources: hazards, markers, use
- Electrical** equipment: electrical classes, hazards, habilitation, consignment, personnel protection
- Confined space** works: ventilation, gas detection, oxygen content of air, penetration, evolution of hazard during works

Work permit system

SIMultaneous Operations (SIMOPS) management

▲ Who should attend?

Graduate Engineers and technicians, whose activity is related to the design, construction and/or operation of Oil & Gas production facilities.

▲ Duration

5 days

▲ Dates & Location

December 07-11, 2009
Rueil-Malmaison (Paris)

▲ Registration

Fees: € 2,060

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▲ Course Coordinator

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