



SC066: HSE in Construction Sites

Training Description:

The sites or yards where offshore oil and gas facilities such as modules and platforms and onshore petrochemical plant are fabricated and constructed involve activities with high hazards such as working at height, confined space entry, rigging and lifting, hot work to name but a few. Moreover, these and other hazards vary in nature and scale and in the ways they are performed and controlled according to the respective construction site's specific standards and practices.

Therefore, for personnel mobilized to and temporarily working in these sites, it is important that they have a sound knowledge and awareness of the hazards and essential safeguards and controls to ensure they can not only stay safe but help those around them to stay safe too. This applies both to seasoned field personnel who from time to time move to different sites and to personnel with minimal previous construction site experience.

This intensive training on HSE in Construction Sites will give or expand participants' awareness and knowledge of the nature and types of hazardous activities, safeguards and controls that should be in place in major facilities construction sites or yards.

The course will cover:

- Health, Environmental Safety programs
- Overview of construction site hazards and risks
- Hazardous work activities (one by one) and controls
- Control of work
- OSHA Safety Requirements

Training Objectives:

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

- ✓ Improve and enhance their understanding of hazardous work activities in construction sites
- ✓ Learn the essential controls and safeguards for each specific hazardous work activity
- ✓ Learn the principles for the safe control of work
- ✓ Understand safety program initiatives and examples
- ✓ Be conversant with the essential controls and safeguards to be applied for hazardous work
- ✓ Recognize unsafe acts or conditions in construction work activities and be pro-active in their correction
- ✓ Promote and actively participate in safety programs at construction sites

Personal Impact:

Participants will be able to gain or improve their knowledge and recognition of hazards, essential safeguards and controls for hazardous work activities in construction sites or yards including:

- ✓ Greater confidence and assurance when exposed to hazardous work activities
- ✓ Identification of unsafe acts and conditions and taking or communicating actions
- ✓ Greater awareness on how to keep themselves and work colleagues safe
- ✓ Added ability to promote and participate in safety initiatives
- ✓ Provide improved feedback to their organization on the safety conditions at a site or yard
- ✓ Be recognized by their employer for their enhanced safety knowledge and understanding for future site deployments

Organisational Impact:

When an organization deploys personnel into a contractor's site or yard, it needs to ensure that such personnel will know how to act safely and recognize whether an appropriately safe environment is maintained around them for their work. Therefore, it is important such personnel are well equipped in the knowledge and understanding for the HSE activities they are exposed to.

An organization's employees will gain enhanced knowledge to improve:

- ✓ Their understanding of hazardous work activities in construction sites
- ✓ Recognition of the essential controls and safeguards to be applied for each specific hazardous work activity
- ✓ Observing the principles and the requirements for the safe control of work
- ✓ Identifying unsafe acts or conditions in construction work activities and being pro-active in their correction
- ✓ Understanding, promoting and actively participating in safety programs at construction sites
- ✓ Safety awareness of personnel to be deployed to future sites

Training Designed for:

This course is directed towards staff within an organization that are mobilized to, or frequent visitors to an operator's or contractor's construction or fabrication site or yard. It is also directed towards non-site-based employees of organizations that have their own construction sites or yards, or their new hires, and supplier or service company personnel deployed to or attending a customer's site or yard.

This course is intended for Construction Supervisory or Inspection Personnel, Health, Safety, Environmental and Quality, Operations and Projects Managers, Leaders and Supervisors, Field Engineers, Surveyors or Inspectors, Support Department Personnel including but not limited to, Engineering, Procurement, Contracting, Controls, Health, Safety, Environmental and Quality and Commissioning Personnel.

Training Requirement:

"Hand's on practical sessions, equipment and software will be applied during the course if required and as per the client's request."

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client's learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

FIVE DAYS:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ Overview of Construction Hazards & Risks
 - Hazard Awareness
 - Site Inductions
 - Unsafe Acts and Unsafe Conditions
 - Top Ten Hazards
- ❖ OSHA Safety Requirements

- ❖ Case Studies / Practical Exercises
- ❖ Hazardous Work Activities & Controls
 - Working at Height and Fall Prevention
 - Hot Work
 - Rigging and Lifting
 - Hand and Power Tools
 - Heat Stress
 - Confined Space Entry
 - Mobile Equipment
 - Nitrogen
 - Pressure Testing
 - Energy Isolation
- ❖ Case Studies / Practical Exercises
- ❖ Control of Work
 - Job Safety Analysis
 - Permit to Work
 - Housekeeping
 - Inspections
 - Emergency Response
- ❖ Case Studies / Practical Exercises
- ❖ Safety Programs
 - Observations and Interventions
 - Hazard Communication
 - Tool Box Talks
 - Management Walkabouts
 - Campaigns and Initiatives
- ❖ Case Studies / Practical Exercises
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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