CAREER MANAGEMENT CONSULTANCY &TRAINING
كرير للاستشارات الإدارية والتدريب

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# HS266-4D:
# Safety at Process Plant

## Training Description:

The training course covers knowledge of identifying process occupational health and safety hazards to ensure safe operation in the process plant. Participants will also be able to perform risk assessment in a process environment as required by the health and safety regulations. In addition, participants will understand and apply management aspects of occupational health and safety for day-to-day operations in the workplace., automatic protection schemes, graphic displays, and system recovery procedures of power systems.

## Training Objectives:

The purpose of this intensive training course is to enable participants to apply safety in process plant based on a set of competency elements, which include identify Occupational Health & Safety (OHS) Hazards in a Process Plant; Assess the Risks in a Process Plant; Contribute to Occupational, Health & Safety (OHS) Management.

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

- ✓ Select a method of identifying hazards
- ✓ Identify and record hazards associated with workplace and activities
- ✓ Identify and record unsafe work conditions
- ✓ Record and report hazards using risk assessment format
- ✓ Assess level of risk based on severity and likelihood
- ✓ Prioritise unacceptable risks
- ✓ Prepare risk assessment report
- ✓ Interpret employees' rights under OHS regulations
- ✓ Select appropriate control measures for risk assessment
- ✓ Suggest measures to minimize hazards in line with company OHS procedures

## Training Designed for:

This course is intended for PSM workforce, Senior engineers (e.g., reliability, inspection, operations, etc.), PSM managers, PSM supervisors, Plant or unit managers/team leads, Heads of sections or operations, maintenance, and inspection, engineering, etc. departments and anyone responsible for communicating process safety information to workers.

## 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."

This training course is available upon request in English or Arabic, virtual online live or face to face public/inhouse. Content, location and duration 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:

*FOUR DAYS:*

- Identify Occupational Health & Safety (OHS) Hazards in a Process Plant
  - Define hazard
  - Identify common hazards in work area
  - Identify common hazards during work activity
  - Identify unsafe working conditions and work practices
  - Apply different hazard observation techniques
  - Select appropriate methods of identifying hazards
- Assess the Risks in a Process Plant
  - Define risk and risk assessment theory
  - Understand the roles and duties for health and safety as defined by specific legislation
  - Identify resources required for risk assessment
  - Identify information sources for risk assessment
  - Apply procedures for risk assessment
  - Assess the hazards that causes serious harm
  - Determine hazards that should be eliminated or minimized
  - Assess the level of risk based on severity and likelihood
- Contribute to Occupational, Health & Safety (OHS) Management Issues
  - Access and interpret OHS information within the workplace
  - Understand the hierarchy of control
  - Understand the need for controlling and monitoring the risk
  - Apply appropriate control methods from risk assessment procedures
  - Participate in the review of control measures
  - Control risks when following work activities and procedures
- Course Conclusion
- POST-ASSESSMENT 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):

IAOSHE certificate(s) and wallet card(s) will be issued to each participant who completed the course and passed the competency exam on the last day of the course.

Sample IAOSHE Wallet Card:




Sample IAOSHE Certificate:




Or CMCT Internationally recognized certificate(s) and wallet card(s) will be issued to each participant who successfully completed the course and passed the exam at the end of the course.







## Training Fees:

**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:**

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|---|---|
| 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 - 13:30 | Recess (Prayer Break & Lunch) |
| 13:30 - 15:00 | Last Session |

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