



HS307: Safety Measures and Hazard Control

Training Description:

There is an awful sameness in the causes of incidents and poor safety performance. It is not that there are no standards to follow or that these standards are not totally applicable to the company. The problem lies, on the one hand, to a lack of a robust Safety Management Systems and, on the other, an incomplete Hazard register that defines the methods available to reduce the risks from Hazards and or how to control them. This intensive training course aims at setting the guidelines and knowledge base required in both the Safety Management Systems and also the control of Hazards that are present in the Process Industry.

This training course will highpoint:

- Responsibilities
- Health and Safety Legislation
- Safety Management Systems
- Common Hazards and Controls
- Occupational Health Hazards

Training Objectives:

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

- ✓ Understand Safety Management
- ✓ Explain the Risk Assessment process
- ✓ Analyse workplace hazards
- ✓ Identify methods of Hazard Control
- ✓ Know the Incident Investigation
- ✓ Learn the Fire and Emergency procedures

Training Designed for:

This course is intended for those professionals who have local responsibilities for health and safety and require a measure of competence in this field. This training course is suitable to a wide range of professionals but will greatly benefit; Process Managers, Process Engineers, Team Leaders, Maintenance Engineers, Health and Safety personnel.

Training Program:

DAY ONE:

- ❖ Pre-Test
- ❖ Safety Management Foundations
 - The nature of workplace health and safety
 - Responsibilities of Employers and Employees
 - Safety Management Systems (Plan, Do, Check, Act)
 - OHSAS 18001, ISO 45001, OSHA Guidelines for Safety Management
 - Improving health and safety performance
 - A Safety Policy
 - Inspections & Audits

DAY TWO:

❖ Risk assessment and control

- Setting Targets - Key Performance indicators
- Health and safety risk assessment
- General principles for control
- Hierarchy of risk reduction
- Safe systems of work
- Human Error
- Case Study

DAY THREE:

❖ Hazards and controls

- Physical Hazards (Noise, Vibration)
- Electricity Hazards
- Work Equipment Hazards
- Manual Handling Hazards
- Workplace Hazards (Temperature, Violence and Bullying, Slips and Trips, Work at Height)
- Transport Hazards

DAY FOUR:

❖ Incident Investigation, Fire and Emergency procedures

- Incident Investigation
- Why Investigate Incidents
- When to investigate Incidents
- Fire safety
- Need for Emergency plans
- First Aid Provisions

DAY FIVE:

❖ Occupational Health (HazCom) & Safety Culture

- Chemical Hazards
- Occupational exposure limits
- Stress
- Safety Culture

❖ Course Conclusion

❖ Final Examination and EVALUATION

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. 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 Certificate(s):

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

Training Methodology:

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

- 30% Lectures, Concepts, Role Play
- 30% Workshops & Work Presentations, Techniques
- 20% Based on Case Studies & Practical Exercises
- 20% Videos, Software & General Discussions
- Pre and Post Test

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:

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 - 16:00	Last Session

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

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Training & Career Development Department