Pre & Post Conference Training & Workshop

S no	Training / Workshop Code	Training & Workshop Title	Conducted by	Fee (KD /	Date	No of Days
1.	W-PDC-PRE-1	Industrial Hygiene for Safety Professionals	APEX International Safety & Health Consulting, USA	450 KD	10th – 12th Dec 2019	3
2.	W-PDC-PRE-2	QRA& HAZOP Integrated course	DNV , UAE	450 KD	10-12 Dec '2019	3
3.	W-PDC-PRE-3	Scaffolding – Train the Trainers	STI, USA	650 KD	10-12 Dec '2019	3
4.	W-PDC-PRE-4	Managed Fall Protection Course	International Expert, USA	370 KD	10-12 Dec '2019	3
5.	W-PDC-PRE-5	SIL – Security Integrated Level	DNV , UAE	370 KD	15-16 Dec '2019	2
6.	W-PDC-POST-1	PSSR Training	DNV , UAE	250 KD	19 Dec '2019	1
7.	W-PDC-POST-2	Train the Trainers Dropped Object Prevention	Drops Forum, UAE	250 KD	19 DEC 2019	1
8.	W-PDC-POST-3	PSM Audit & Inspections – One Day by Mr. Jitu Patel	International Expert, USA	250 KD	19 Dec '2019	1
9.	W-PDC-POST-4	10 Step MBA for HSE Practitioners Workshop	International Expert, UAE	250 KD	19 Dec '2019	1

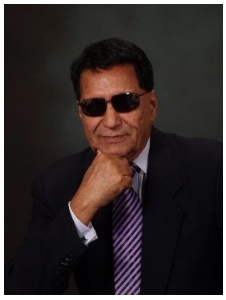
Industrial Hygiene for Safety

Workshop Code : **W-PDC-PRE-1**

- Workshop Title : **Industrial Hygiene for Safety**
- No of days : 3days
- Dates : 10,11 & 12 December 2019
- Time : 08:00 AM – 03:00 pm
- Conducted by : APEX International Safety & Health Consulting, USA

Course Leader

Dr. Jas Singh



Dr. Jas Singh is President of JAS International LLC, a USA based consulting company. He has over 45 years of experience in the Environmental Health & Safety field. He is a Certified Industrial Hygienist (CIH) and has served on the Board of Directors of the American Industrial Hygiene Association (AIHA) and the American Board of Industrial Hygiene (ABIH). He is a past President of the Academy of Industrial Hygiene (AIH).
In 2005, Jas received the AIHA's "Distinguished Service Award" as well as the "Henry Smyth Award" by the Academy of Industrial Hygiene (AIH).
In 2016, he received the Life Time Achievement award from the American Board of Industrial Hygiene (ABIH)

Scope of Work

- **Day 1 (8:30 A.M. – 4:30 P.M.)**
  - Human Physiology (Human body and how it can be affected by exposure to chemical and physical agents).
  - Fundamentals of Industrial toxicology (basic concepts, routs of entry, toxicokinetic including dose, absorption, metabolism, target organs, biological half-life, role of toxicology in IH decision making).
  - Examples of Hazardous substances and processes, their effects on the body and control measures
  - Assessment of health risks (basic principles of risk assessment, hazard and risk and control banding concepts).
  - Specific chemicals every safety professional should know (Crystalline silica, Asbestos, Hexavalent chromium, carcinogens, welding fumes).
  - Physical hazards (Noise and vibration, heat stress, radiation, ergonomics)

- **Day 2 (8:30 A.M. – 4:30 P.M.)**
  - Measurement of exposures (techniques for measuring exposure to dusts, gases and vapors and fibers, types of sampling and analytical methods. Hoe much sampling is needed.
  - Hygiene standards and occupational exposure limits- state, national and International, units of measurements, time weighting concepts, data interpretation).
  - Making decisions in the absence of established exposure limits.
  - When you must do biological monitoring?
  - Assessing skin contact potential and total exposure.
  - Exposure Monitoring Practical.

- **Day 3 (8:30 A.M. – 4:30 P.M.)**
  - Hierarchy of Controls (elimination, substitution, engineering controls, job rotation and PPE).
  - Basic principles of general and local exhaust ventilation.
  - Designing engineering controls.
  - Indoor air quality. Is this a health and safety issue?
  - Critical chemical exposures.
  - Case histories and Group discussion.

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Who Should Attend : Managers, Team Leaders, Senior Engineers and Engineers from HSE, Operators, Process, Inspection & Corrosion, Reliability, Maintenance Department.

Workshop Fee: **KD 450**

QRA & HAZOP INTEGRATED COURSE

- Workshop Title : **QRA & HAZOP Integrated course**
- Workshop Code : **W-PDC-PRE-2**
- No of days : 3days
- Dates : 10,11 & 12 December 2019
- Time : 08:00 AM – 03:00 pm
- Conducted by : DNV, UAE

Course Leader

Zubair Ansari

Senior HSE Consultant, DNV

Mr. Zubair Ansari is a Senior Consultant with 9 years of on SHE Risk Assessment related consulting projects with substantial involvement in many technical safety studies. He joined DNV GL in 2012. Before joining DNV GL he was working with International Risk Control Asia (IRCA), a technical safety consultancy for 4 years. He has worked on many technical safety projects such as Quantitative Risk Assessment (QRA), Fire & Explosion Risk Assessment (FERA), Escape & Evacuation Risk Assessment (EERA), Escape, Muster Evacuation & Rescue Analysis (EMERA), Safety Integrity Lavel (SIL) study, Hazardous Area Classification (HAC), HSEIA, COMAH, Flare Dispersion Analysis, Development of Performance Standards, Development of Facility Response Plan etc. for variety of hydrocarbon industries like Upstream Oil and Gas Production and Processing, Refinery, Petrochemical, Power Plant, Gas Distribution Network, Cross Country Pipelines, Onshore / Offshore Exploration and Production Facilities.

Course Outlines (HAZOP) – Two days

- What is HAZOP?
- HAZOP background and evolution;
- Application of HAZOP study
- Overview of HAZOP process
- Illustration of HAZOP process steps using a flow chart
- Defining the HAZOP scope and boundaries
- Input information requirements
- HAZOP team composition
- Determining duration for HAZOP study;
- Tools used for HAZOP study;
- What is a HAZOP Node?
- Guidance for defining HAZOP Nodes;
- Guidance for identification of causes;
- Guidance for identification of consequences;
- Risk assessment matrix and assessment criteria;
- Guidance on risk ranking;
- Guidance on requirement of a recommendation;
- How to write a HAZOP recommendation?
- Roles and responsibilities of HAZOP Facilitator;
- Roles and responsibilities of HAZOP Leader (Chairman);
- Roles and Responsibilities of HAZOP Scribe;

Course Outlines (QRA) - One Day

- What is QRA
- Where QRA fits into risk management process
- QRA objective
- Expectations from QRA
- QRA work process
- QRA Tools
- Data requirements for QRA
- Interpretation of QRA results; and 1 QRA case using QRA tool

The QRA training will cover the following in one day. The objective of training will be to cover basic aspects of QRA and introduction to the QRA tools.

Who Should Attend : Managers, Team Leaders, Senior Engineers and Engineers from HSE, Operators, Process, Inspection & Corrosion, Reliability, Maintenance Department.

Workshop Fee: KD 450

Scaffolding – Certified Train the Trainer

- Workshop Title : **Scaffolding – Certified Train the Trainer**
- Workshop Code : **W-PDC-PRE-3**
- No of days : 3 days
- Dates : 10,11 & 12 December 2019
- Time : 08:00 AM – 03:00 PM (All three days)
- Course Conducted by : Scaffolding – Train the Trainers, STI, USA

Course Leader

Mr. Steven Dale Hiner

Mr. Steven Dale Hiner is highly experienced and learned professional, an entrepreneur & business owner. He has a long experience of 35 years in the filed of scaffolding safety, forming and shoring industry management experience in purchasing, inventory control, auditing, engineering and commercial. He has been directly handling erecting and dismantling large scaffold projects for power boiler outages, pulp and paper recovery boiler outages and petrochemical turnaround projects across the United States. He is a competent person for Certification Trainer and Course Instructor and has been closely involved in training employees in safety procedures for scaffolding.

Course Overview

Module One:

The 8 hour scaffold "Competent Person" course provides detailed instruction in scaffold hazard recognition and common safety issues including a thorough discussion of OSHA regulations, manufacturers' recommended assembly instructions, and the topics required by 29CFR1926.454 for the following types of scaffolding: Frame, Tube & Coupler, System, and Rolling Towers. Some of the topics include foundations, fall protection, falling object protection, stability tying, planking, safe access, loading, and step-by-step assembly procedures. The purpose of this course of instruction is to provide scaffold erectors, in spectors, and users with the regulations, safety guidelines, and procedures needed to recognize and eliminate hazards in the field. Enabling objectives include specifying the Generel Requirements for Frame, Tube and Clamp and System Scaffolding; Determining the specific safety ruels and steps associated with the Erection of Frame, Tube and Clamp, and System Scaffolding. Identifying the major items to consider when performing a scaffold inspection is also covered. As well as specifying the major elements of OSHA's Regulations 29 CFR Subpart L-scaffolding.

Module Two:

Day of Hands On Training: Outside in the scaffold yard and/or warehouse, erecting and dismantling Frame, Tube and Clamp, System, and Rolling Tower Scaffolding.

Module Three

Day of scaffold Design & Loading, Weight Calculations, Calculating Loads and Material, Typical Allowable Loads and Material Take-off for Frame, Tube and Clamp, System, and Rolling Tower Scaffolding.

Who Should Attend : Engineers (Construction, Maintenance, HSE), Foreman, Supervisors, Officers and Scaffolding Technician

Workshop Fee: **KD 650**

Managed Fall Protection Course

- Workshop Title : **Managed Fall Protection Course**
- **Workshop Code : W-PDC-PRE-4**
- No of days : 3 days
- Dates : 10,11 & 12 December 2019
- Time : 08:00 AM – 03:00 PM (All three days)
- Course Conducted by :

Course Leader

Mr. Thomas Kramer, P.E, CSP

Course Overview

Credits

2.10 Continuing Education Unit

This course is the required course for ASSP's Managed Fall Protection Certificate Program. It is based on the responsibilities of the fall protection program administrator as defined in ANSI/ASSP Z359.2-2017, Minimum Requirements for a Comprehensive Managed Fall Protection Program.

Learning Objectives

• Establish guidelines and requirements for a managed fall protection program
• Eliminate or establish controls for fall hazards
• Develop a fall protection system use and rescue procedure
• Demonstrate the tasks necessary to manage an incident investigation
• Evaluate the effectiveness of a managed fall protection program

Who Should Attend : This course is appropriate for all OSH professionals.

Workshop Fee: KD

Safety Integrated Level (SIL)

- Workshop Title : **Safety Integrated Level (SIL)**
- **Workshop Code : W-PDC-PRE-5**
- Dates : 15th & 16th December 2019
- No of days : 2 days
- Time : 08:00 AM – 03:00 PM (All three days)
- Course Conducted by : DNV, UAE

Course Leader

Mr. Hesham Fandy

Principal Risk Management Advisory Consultant

Hesham is currently working as a Principle Consultant for Risk Management Advisory, His main roles involves workshop facilitation (SIL, FMECDA, HAZID, HAZOP, ALARP), Functional Safety, RAM studies, Process Safety and Process Safety Barriers Management and COMAH process. Hesham transferred from technical advisory services, prior his transfer Hesham held the position of deputy engineering manager for technical advisory in UAE, where he was mainly focusing on risk management advisory, engineering verification and technical assurance activities for process facilities and drilling barges (Jack-ups).

Course Overview

SIL will cover the following over 2 days. The detailed schedule with allocated duration will be submitted prior to the training delivery.

What is SIL and SIL Concept?

- SIL Codes and Standards
- Application of SIL study
- SIL Classification Methods (Risk Graph and Layer of Protection Analysis)
- Overview of SIL classification process
- Illustration of SIL process steps using a flow chart
- SIL Preparation, input information requirements
- SIL Preparation, SIL classification team composition
- SIL Preparation, Tools used for SIL study
- Identification of SIF loops
- Undertaking SIL classification
- Assigning SIL level to SIFs
- Group exercise 1, method 1
- Group exercise 2, method 2
- Introduction to the SIL verification.

Who Should Attend : Engineers (Construction, Maintenance, HSE), Foreman, Supervisors, Officers and Scaffolding Technician

Workshop Fee: KD 370

PSSR Training

- Workshop Title : PSSR Training
- **Workshop Code : W-PDC-POST-1**
- No of days : 1 day
- Date : 19 December 2019
- Time : 08:00 AM – 03:00 PM

Course Leaders

Kaushik Roy
Head of Section – Risk Management Advisory, Middle East

Mr. Kaushi Roy is a Chemical Engineering Graduate with over 29 years in the operations of Petroleum Refining & Oil and Gas industry in addition to Consulting in the Oil and Gas industries. Worked in Companies like Hindustan Petroleum Corporation Ltd, Mumbai Refinery, Kuwait National Petroleum Company in Shuaiba Refinery and in the Corporate, Kuwait Oil Company's upstream and mid-stream operations and DNV GL as a Principal Consultant and Head of Section- Risk Management Advisory, Middle East. I have a wide range of experience in Operations and HSE Consulting in Refineries, Process, Operational Planning, Process Safety, Occupational Safety, Industrial Hygiene and Environment.

Ubaidullah Ansari
Princiap HSE Consultant

Mr. Ubaid Ansari is the Principal HSE Consultant for HSE for DNV GL Risk Management and Advisory Division, Oil &Gas, Middle East based in Abu Dhabi. He is a A Chemical Engineer from Pune University, India with more than Fifteen year's working experience in the field of chemical process safety and risk analysis. Has under gone various training programs on risk assessment, HSE management system, RAM, CFD Flacs, FDS and software for process simulation etc. Has actively participated in several Consequence Analysis/ Onshore and Offshore QRAs, Safety case development, HSEIA, COMAH report preparation, Emergency Response Plans, SIL analysis and SIMOPS for several upstream and downstream Oil & Gas Facilities. He is a skilled presenter and has also facilitated various workshop based studies viz. HAZOP, HAZID, Bow-tie, ALARP, SIL, PHSER, Project Risk Assessment and SIMOPS studies. He has delivered Trainings and presentations on Modern Safety Management, Process Safety Management, HAZID, HAZOP, SIL, Bowties, ALARP, SIMOPS, Project Risk Assessments, QRAs etc.

Course Outlines

- What is PSSR
- Why is PSSR
- PSSR advantages
- PSSR work process
- PSSR recording tools
- Data Input Requirement
- PSSR Team Composition
- PSSR Worksheets
- PSSR Outcome

- PSSR Group Exercise

Who Should Attend : Managers, Team Leaders, Senior Engineers and Engineers from HSE, Operators, Process, Inspection & Corrosion, Reliability, Maintenance Department.

Workshop Fee: KD 250

Train the Trainers Dropped Object Prevention

- Workshop Title : Train the Trainers Dropped Object Prevention
- **Workshop Title : W-PDC-POST-2**
- No of days : 1 day
- Date : 19 December 2019
- Time : 08:00 AM – 03:00 PM

Process Safety Management Inspections/Audit

- Workshop Title : Process Safety Management Inspections/Audit
- **Workshop Title : W-PDC-POST-3**
- No of days : 1 day
- Date : 19 December 2019
- Time : 08:00 AM – 03:00 PM

Course Leader

Mr. Jitu Patel

Mr. Jitu C. Patel, CPEA, FASSP is an international safety consultant who has a BS in Chemistry and a M.Phil in Fuel Science from UK. For 21 years, Mr. Patel has provided health and safety professional services to Saudi Aramco, the world's largest oil and gas producing and processing corporation in Saudi Arabia. He also has provided technical training and conducted research for 15 years on fires, explosions, health, safety and environment issues at a heavy chemical manufacturing company owned by U.K. oil companies. Mr. Patel has developed and conducted fire and safety seminars for Safety & Fire Prevention engineers and line management of industry operations.

Course Synopsis/Introduction

The seminar course contents would deal with conducting effective Process Safety Management (PSM) inspections/Audits. It would provide guidance on planning and designing the audits. The topics covered would touch base with the intents of the PSM elements to learn and understand their values for managing effectively risks involved in operations of hazardous processes and tasks. Effective techniques would be discussed also for conducting meaningful PSM inspections/audits employing appropriate applicable check-lists to address hazards with a proactive approach. The Seminar would also include learning about preparation of reports of the inspections/audits findings and management of recommendations. The seminar provides knowledge about the potential for hazardous conditions or unsafe acts and the fundamental concepts of fire, safety and health hazards and safeguards and controls needed to improve safety and loss prevention.

Who should Attend

The Seminar is useful to safety & fire prevention engineers, construction, process & maintenance engineers, line management, supervisors/foremen from operations, maintenance and engineering organizations and also engineering and technical staff from the construction Project Management and Contracting company, and safety coordinators representing proponent, construction and contracting companies.

Training Course Outcome/Objectives

- Learn the role of PSM inspection/audit in safety programs. Plan and design the safety audit.
- Evaluate written programs versus actual practices. Establish findings, prepare reports and make recommendations.
- Understand line management's responsibility and accountability for safety performance.
- Identify numerous specific tools supervisors can use to improve safety of workers within their workplace.
- Learn methods and priorities of controlling industrial hazards including performing a Job Hazard Analysis and compliance with Work Permit Systems.

Workshop Fee: KD 250

10 Step MBA for HSE Practitioners Workshop

- Workshop Title : 10 Step MBA for HSE Practitioners Workshop
- **Workshop Title : W-PDC-POST-4**
- No of days : 1 day
- Date : 19 December 2019
- Time : 08:00 AM – 03:00 PM

Course Leader

Dr. (Eng)Waddah S. Ghanem Al Hashmi

BEng (Hons, DipEM, DipSM, MBA, MSc, DBA, AFIChemE, FEI, MIoD

Dr. Waddah is currently Senior Director, Sustainability, Operational and Business Excellence for the Emirates National Oil Company (ENOC) in Dubai, UAE. Dr. Waddah currently overseas all the Sustainability, Environmental, CSR and Energy and Resource Management at ENOC as well as Operational and Business Excellence, Quality, IMS Certification Assurance, Innovation and Process Improvement.

Workshop Objective

This workshop is designed in line with the recent publication from Routledge "10 Step MBA for HSE Practitioners" and covers the key 10 areas which the facilitator believes HSE practitioners should focus on to develop their business, organisational and personal skills preparing them to become more effective in their jobs in delivering the HSE message within their organisations and the organisations they operate with.

The 10-Step MBA helps also practitioners who aspire to become effective business managers and directors to sharpen their skills and competencies as more business orientated and savvy.

This would help them complement their technical skills with these significant aspects of the HSE Practitioner model which was developed for becoming more effective practitioners. Who Should Attend This program is designed for HSE officers, practitioners and managers. The program

Workshop Topics

Based on the book's HSE practitioner model the areas which are covered in the workshop include:
1. Strategy and Leadership
2. General Management
3. Organizational Behavior
4. Data Analytics and Decision Making
5. Corporate Social Responsibility
6. Economics and Financial Management
7. Operations Management
8. Marketing
9. Innovation and Entrepreneurship
10. Interpersonal Skills

Who should attend

This program is designed for HSE officers, practitioners and managers. The program is designed for HSE professionals as they apply their entrepreneurial, business and management skills to their profession within the context of operating companies, consultancies and businesses at large. This is a very good program also for those who are considering HSE as a future profession yet want to also grow their management and business skills. Workshop Topics Based on the book's HSE practitioner model the areas which a

Workshop Fee: **KD 250**

CONFERENCE WORKSHOP NOMINATION FORM

ONLINE FORM UNDER EVERY WORKSHOP TAB

1. **Delegate Name :**
2. **Workshop Chosen : (Provide all the workshop title with code)**
3. **Course Fee :**
4. **Email :**
5. **Mob :**
6. **Company :**
7. **Designation :**
8. **Remarks**

Submit **Cancel**