1. Course Details:

Course Code : HSEM-015
Course Title : Risk Assessment and Management for Oil & Gas Projects
Course Duration : 5 Days

2. Course Overview:

- To increase pressure to deliver projects on time, within budget and with the agreed components, the need to identify, manage and control the project-based risks becomes central to success. Project Managers need to use tried and accepted techniques for managing identified risks and have access to practical strategies for dealing with issues as they emerge.Using a mixture of presentations, discussions and practical exercises related to the Oil and Gas industry.

3. Learning Outcomes:

- Use practical steps and processes to manage project risk
- Identify threats, opportunities and weigh their relative value in a project
- Control multiple risks using limited strategies
- Overcome psychological barriers to risk in stakeholders & team members
- Evaluate risk assessment
- Evaluate risk management during the project closure phase of the project

4. Course Contents:

Introduction to Organizational Risk

- Pro's and con's of risk management
- Practical experience with risk assessment & risk management in various industries
- Risk Management throughout a project life cycle
- Methods to increase company-wide awareness, understanding & senior level support
- Risk Management at various levels of an organization
- Business risks vs technical risks vs implementation risks

The Risk Management Process Wheel & Identifying risk

- Proactive Risk Management Process
- The risk management process wheel
- The risk registers
- Risk Management Planning
- Risk Identification

- Risk Identification tools & Techniques

Risk Analysis

- Qualitative risk analysis
- High Reliability Organizations (HROs)
- The risk matrix
- Decision Making Grid (DMG)
- Quantitative Risk Analysis (QRA)
- Fault Tree Analysis (FTA) and Reliability Block Diagrams (RBD)

Risk Responses & Managing Risks

- Risk Response planning
- Building a Risk Management Plan
- Calculating risk management budget
- Monitoring & Reviewing
- Opportunity Assessment
- Project Execution Risk Assessment

Reporting Risk Management Outcome

- What makes a bad report?
- What makes a good report?
- Creating an oil & gas risk questionnaire
- Risk evaluation
- Risk evaluation report

5. Our Methodology:

- Make coaching and monitoring innovative and using modern
- Media training also using on the go training by using interactive means and focusing on
- The exercises, practical applications and real situations study.
- Live delivery method, instructor-led training.
- Experienced consultant, trainers, and professional.
- Qualified trainer with high-level experience

6. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

7. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

8. Who Should Attend?

- Project Management Team members
- Operations Managers
- Project Managers
- Oil and Gas Enterprise Architects
- Maintenance Managers
- Maintenance Engineers
- Technical Managers &Supervisors
- Consultants in Project,
- Asset, Maintenance and Risk Management Managers