

Risk Management Specialist

Course Objectives:

- ❖ understanding and use structured SMS standards and requirements mainly as objective regulations
- ❖ Better understand the importance to safety and efficiency of effective interactions with safety tools, work rules and work environment
- ❖ applying technical and non-technical safety principles to the way we work and as a contribution to individual resilience
- ❖ to trigger dynamic interactions between knowledge and experience that will improve problem solving, critical thinking and judgment as a means of preventing errors and their associated accidents
- ❖ Learn safety techniques to optimize performance and help maximize the performance of any groups in which he participates, thus enhancing safety
- ❖ Using Safety management as an organizational function, which ensures that all safety risks have been identified, assessed and satisfactorily mitigated either during normal operation, transition and organizational changes
- ❖ Prevent operation safety problems before they develop rather than having to react to them and correct them under pressure
- ❖ Increase the ability to transfer theory into good practice in the proper context is a skill that can be developed during the course
- ❖ to perform safety monitoring in a systematic manner for the whole organization departments
- ❖ Provide qualified SMS/SSP staff with a comprehensive application of safety management processes and practical examples on the use of it tools, to enhance efficiency and effectiveness of safety management activities

Course Main Topics:

- **Fundamentals of safety management system**
- **Accident and incidents investigation and analysis**
- **Root cause analysis techniques used in safety investigations**
- **Human Factor in Safety Management System**
- **Hazard Identification and Effect Management (HEM)**
- **Root cause analysis techniques used in hazard identification**
- **Safety Risk Management(SRM)**
- **Working with Risk Matrix**
- **Developing the Organization Own Risk Matrices**
- **Barrier modelling for Organization Safety Management System**
- **Management of changes within Organization Safety Management System context**
- **Continuous monitoring approach (CMA) fundamentals for regulatory authority**
- **Risk-Based Audit**
- **Developing Safety Performance Indicators and monitoring system**
- **Developing process for setting safety Target and continuous safety improvement**

Who Should Attend: Personnel operating SMS and SSP

Course Duration: Two Weeks (80 hours).