

Course Overview:

Reliability, safety, and quality are the key factors in continuation of any business activities & operations, in this course we will offer a complete systematic and scientifically proven methodology of investigation & analysis of incidents occurred in these three factors. In assuring to avoid economic catastrophic consequences if any one of them was to fail in at any segment of an operation.

Course Objective:

At the end of that program, the attendee will be aware

- How to meet regulatory requirements for incident investigations
- How to develop and implement a structured program
- How to initiate and conduct an investigation
- How and when to apply causal factor and root cause analysis for investigating process and non-process incident
- How to develop appropriate recommendations to address root causes at various levels to avoid future incidents
- How to structure reports
- learn key points and practice your new skills

Course Outline:

- Introduction of Key Elements of Incidents
- Proactive and Corrective Dimensions of ROCA
- Classification of Incidental NearMisses
- Investigation Initiation
- Identification of Process Critical Check Points
- Data Collection
- Human and Organizational Factors
- Efficient Solutions for People Data Fragility Issue
- Building of Direct and Indirect Bond of Critical Incidental Factors
- Human Error Perspective
- Operation Machinery Perspective
- Determination of most direct line of causes of incident
- Determine ALL root causes of each casual factors
- Determination of Practical and Effective Conclusions and Recommendations
- Crisis response team formation
- Critical Incidental Factors data determination

Who Should Attend:

- Engineers-Process- Process Safety and Mechanical
- Operation & Maintenance Staff
- Risk Managers
- Plant Manager & Site Manager

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation