Safety in Power Generation Plant

HH159

Course Overview:

Explain the causes of accidents in Power Generation plant using accident causation models and define the basic principles of safety
The application of ergonomics and the role of human factors and the principles of safety performance measurement

Course Objective:

-Identify elements of a successful construction safety program
-Explain the causes of accidents using accident causation models
-Identify the hazards and risks associated with a development of a safe system of work
-The application of ergonomics and the role of human factors
-The principles of safety performance measurement
-Identify and appreciate the classifications of hazardous areas
-The principles of the prevention of manual handling injuries

Course Outline:

-Safety management system.
-Proactive risk management.
-Incident prevention
-Work permit system
-Safe operation of Electrical equipment
-Evolution of safety management
-Protective clothes
-Respiratory system protection
-Proactive safety management and the principles of performance measurement
-Principles of risk assessment and control
-The principals of human factors and industrial psychology
-Safety principles and techniques

Who Should Attend:

Safety professionals, risk manager, regulators and enforcement officers who may have to oversee certain classifications of investigations.

Training Language:

EN / AR

Training Methodology:

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