

JOB SAFETY ANALYSIS (JSA)

DRL050

COURSE OVERVIEW

It's essential that all those concerned with the management and supervision of drilling operations make themselves familiar with the documents so that they are at least aware of what advice is available, one of main control is Job safety analysis. This course teaches participants to know What is Job safety analysis and benefit of doing JSA, four basic steps in conducting JSA, the importance to know when selecting job, how to identify potential Hazards and determine preventive measures.

COURSE OBJECTIVE

By the end of this course, participant will be able to:

- Recognize and use important safety and healthy terminology.
- Define and discuss the importance of job safety and hazard analysis in the environment and industry.
- Explain the need and benefits of JSA.
- Provide the information necessary to properly complete JSA's.
- Carry out the procedures and methods in job safety analysis.
- Identify the hazards involved in conducting the job and hidden hazard analysis.
- Identify and communicate the safety and financial benefits of using JSA.
- The key requirements for a successful JSA.
- How to complete JSA Form.

WHO SHOULD ATTEND

This course is intended for anyone involved in operations and maintenance that need to perform JSAs of new or existing tasks. It's also beneficial to full- time safety practitioners, safety committee member, safety coordinators, safety specialists human resources, safety mangers, loss control mangers and operations mangers.

COURSE DURATION

5 Working Days

COURSE OUTLINES

- 1. Pre course evaluation**
- 2. Safe system at work**
 - Developing safe system
 - Five basic steps
 - Task assessment
 - Hazard identification and risk assessment
 - Definition of safe methods.
 - Implementing the system
 - Monitoring the system
 - Keeping track of job safety analysis.
- 3. Risk Assessment**
 - Fire assessment
 - Probability
 - Severity
 - Risk factor
 - Table of risk assessment
- 4. Introduction to Job Safety and Hazard Analysis**
 - What is the job safety analysis?
 - Benefits of job safety analysis
 - Uses of job safety analysis
 - Hazard awareness
 - Definition of key words
 - When I doubt use common sense.
 - JSA process with required examples.
 - How to assess the risk with required examples.
 - Communicate and implement JSA.
 - Monitor work and maintain controls.
- 5. How Do I Conduct JSA/ JHA**
 - Three step JSA procedures
 - List basic job steps
 - Gathering information

- List basic job steps
- Identifying hazards
- Ergonomic danger signs
- Environmental considerations physical hazard consideration
- Identify and list hazards

6. Control Hazard List

- Determine controls
- Using results
- JSA sample form
- Group discussion

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