



Hazard Awareness
Health Management
Risk Prevention

risk assessment TRAINING



*Safety
Training
Series*

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The management of health and safety at work...

Upon completion of this course, each student will be able to conduct a plant equipment risk assessment. Discussions and training will review ISO 14121-1:1999, ISO 12100-1:2003, ANSI B11-TR3 2000, ANSI/RIA R15.06-1999, and OSHA. Using risk assessment tools and checklists provided in the class, each student will be able to identify, evaluate, and record potential plant equipment related risks.

With the use of the Risk Assessment forms and checklists

EACH STUDENT SHOULD BE ABLE TO:

1. Define what risk assessments are used for and how to prepare them.
2. Identify frequency of risk assessments and schedule them.
3. Identify risks, evaluate levels of risk, and use a standardized rating process.
4. Record and report risk assessment findings using forms provided.
5. Properly conduct a risk assessment.

The Management of Health and Safety at Work

- Statutory Requirements
- Associated Documentation
- Arrangements for Health and Safety
- First Aid and Accident Reporting

Product Solutions to Risk Machinery Protection Devices

- Programmable Systems
- Application Examples

Doing a Risk Assessment - "Getting the Feel of How To"

- Assessor Selection
- Eight Steps to Completion
- Focus for Assessment
- Identify Activities
- Identify Hazards/How at Risk
- Evaluate/Review Controls

Doing a Risk Assessment - "Seeing the Detail and Value of It"

- First Aid
- Manual Handling
- Control of Substances
- Health Hazards

Hazard Awareness Risk Assessment

- Fire/Chemical Hazards
- Contact with Electricity
- Airborne Harmful Substances
- Handling of Hazchem Spillage
- Blood Borne Pathogens
- General Vehicle Safety
- Use and Handling of Liquid Petroleum

Preparing and Completing an Actual Risk Assessment

- Use of Forms
- Evaluating Risk
- Compiling Reports

Evaluation of the Equipment

- Fire Safety Compliance
- Manual Handling Compliance
- Control Of Hazardous Substances
- Protective Clothing
- Visual Display Screen Equipment
- Emergency Stop Pull Cords
- Gravity Safety Pins (Hardwired)
- Safety Mats/Safety Curtains
- Proximity Laser Scanners
- Redundant PLC

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Risk Assessment Procedure

- Hazards
- Existing Control Measures
- Proposed Action
- Annual Assets Review

Course Title: Risk Assessment
Course Number: SFRISKAIA

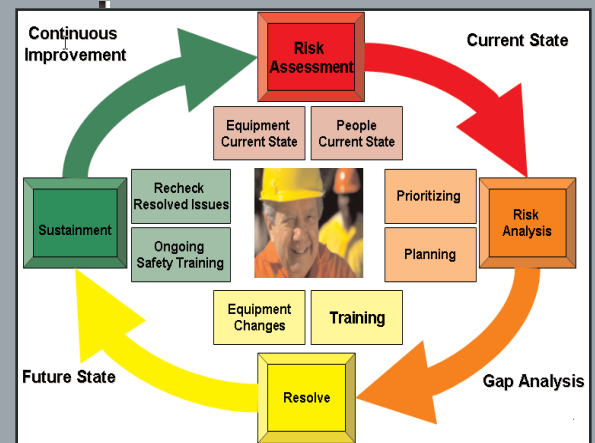
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