



ISO/TS 29001 RISK MANAGEMENT TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

Course Title: ISO/TS 29001 Risk Management Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with practical techniques to identify, assess and manage risks within the ISO/TS 29001 Quality Management System for the petroleum, petrochemical and natural gas industries. It focuses on understanding industry-specific risks, applying structured risk assessment tools, evaluating operational impacts and implementing effective controls. Through case studies, discussions and hands-on exercises, participants learn how to strengthen risk-based thinking and support consistent, safe and high-quality operations.

OBJECTIVE(S):

- Understand ISO/TS 29001 risk management requirements.
- Identify operational, process and supply chain risks.
- Apply structured risk assessment techniques.
- Develop risk controls and mitigation strategies.
- Strengthen risk-based decision-making in oil and gas environments.
- Integrate risk controls into ISO/TS 29001 documentation.
- Monitor and review risk performance indicators.
- Support continual improvement in risk management practices.

TARGET GROUP(S):

- Quality managers and engineers
- Operations and production personnel
- Safety and risk management teams
- Procurement and supply chain staff
- ISO/TS 29001 implementation committee members
- Contractors and service providers in oil and gas

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Overview of Risk Management in ISO/TS 29001
2. Understanding Oil and Gas Industry Risks
3. Risk Identification Tools and Techniques
4. Risk Assessment and Prioritisation Methods
5. Developing Effective Risk Controls and Mitigation
6. Integrating Risk Controls into Operations and QMS Documentation
7. Monitoring, Reviewing and Updating Risk Registers
8. Continual Improvement in Risk Management Practices

LIST OF REFERENCE BOOK(S):

- ISO/TS 29001 Standard
- Risk management and process safety references
- Supply chain and operational risk control guides

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- Risk assessment tools and templates

METHODOLOGY(S):

- Lecture
- Case studies
- Group discussions
- Practical risk assessment exercises
- Scenario analysis

TRAINING SCHEDULE

Day 1

| Time | Activity / Topic |
|---------------------|---|
| 8:30 am – 9:00 am | Registration and Introduction |
| 9:00 am – 10:15 am | Topic 1: ISO/TS 29001 Risk Management Overview |
| 10:15 am – 10:30 am | Morning Tea Break |
| 10:30 am – 12:30 pm | Topic 2: Oil and Gas Industry Risks and Challenges |
| 12:30 pm – 1:30 pm | Lunch Break |
| 1:30 pm – 3:30 pm | Topic 3: Risk Identification Tools and Techniques |
| 3:30 pm – 3:45 pm | Afternoon Tea Break |
| 3:45 pm – 5:00 pm | Topic 4: Risk Assessment and Prioritisation Methods |

TRAINING SCHEDULE

Day 2

| Time | Activity / Topic |
|---------------------|---|
| 8:30 am – 9:00 am | Recap of Day 1 |
| 9:00 am – 10:15 am | Topic 5: Developing Risk Controls and Mitigation Strategies |
| 10:15 am – 10:30 am | Morning Tea Break |
| 10:30 am – 12:30 pm | Topic 6: Integrating Risk Controls into QMS and Operations |
| 12:30 pm – 1:30 pm | Lunch Break |
| 1:30 pm – 3:30 pm | Topic 7: Monitoring, Reviewing and Updating Risk Records |
| 3:30 pm – 3:45 pm | Afternoon Tea Break |
| 3:45 pm – 5:00 pm | Topic 8: Continual Improvement for Risk Management |