

ISO 14001 – Certified Lead Implementer

Duration: 3 days(24 Hours)

Course Outline:

Module 1 - Introduction to ISO 14001 and Environmental Management Systems

- Overview of ISO 14001:2015 standard
- Principles of Environmental Management
- Benefits of implementing an EMS
- PDCA (Plan-Do-Check-Act) cycle
- Relationship with other ISO management system standards

Module 2 - Context of the Organization and Leadership

- Understanding organizational context (internal & external issues)
- Needs and expectations of interested parties
- Defining EMS scope
- Leadership roles and responsibilities
- Environmental policy development and commitment

Module 3 - Planning – Environmental Aspects, Risks, and Compliance

- Identification of environmental aspects and impacts
- Risk and opportunity assessment
- Legal and regulatory compliance obligations
- Environmental objectives and planning actions
- Emergency preparedness and response

Module 4 - Support and Operational Control

- Resource management and competence requirements
- Awareness and communication processes
- Documented information and control
- Operational planning and control
- Supplier and contractor environmental management

Module 5 - Performance Evaluation and Monitoring

- Monitoring and measurement of environmental performance
- Compliance evaluation techniques

- Internal EMS audits
- Management review process
- Use of KPIs and performance metrics

Module 6 - Continual Improvement and EMS Implementation Project

- Nonconformities and corrective actions
- Continual improvement methodologies
- EMS implementation roadmap
- Integration with ISO 9001 and ISO 45001
- Certification preparation and implementation best practices