



HSE199

ENVIRONMENTAL MANAGEMENT And Technology (EMT) for Oil and Gas Industry

Course Introduction:

The monitoring of Environmental Management Systems (EMS) seems to change with every day that passes. So how do you keep pace? This Five-day residential course trains auditors in EMS auditing methodologies and gives them the skills they need to ensure they keep up with current thinking on best practice.

Course Objectives:

Upon successful completion of this course, the delegates will be able to:

- Understand Environmental Management systems and the ISO 14000 series
- Identify and Plan for Required Resources to Implement an EMS , the four Implementation Stages and the best practice Implementation Techniques
- Understand Required Documentation and Records
- Consider operating conditions and controls and their effect upon environmental impacts.
- Identify potential sources of pollution in and around your plant
- Acquainted with the latest technologies and techniques for preventing contamination/pollution
- Acquainted with the latest technologies and techniques for handling hazardous Waste materials & Preventing Pollution
- Detect and measure the incidence of contamination
- Know how to plan for and deal with environmental emergencies

Who Should Attend?

- Managers & Engineers
- Environmental Managers/Engineers/Officers/Researchers/Personnel
- Safety Managers/Engineers/Officers/Researchers/Personnel
- HSE Managers/Engineers/Officers/Researchers/Personnel
- Governmental / Regulatory Authorities
- Water/ Sewage Treatment Departments
- Municipalities
- Universities/Academies Professors/Researchers

Course Outline:

Day 1

Environmental overview: key definition - TQM and the environment -, EMS objectives - pollution and pollution prevention.

Environmental decision making process- Phases of decision making , decision making pyramid
Management principles

TQM tools and techniques; brainstorming Ex 1.-

Day 2

Cause and effect analysis ,Ex 2- benchmarking-pareto analysis .Ex 3

Use control charts for environmental operational control .Ex 4

Environmental policy

Environmental planning : identification of environmental aspects and impacts evaluation of significance of aspects. Ex 5

legislation -

Objectives and targets

Environmental management program

Day 3

Implementation and operation of EMS

Resources , structure ,

Training and awareness

Communication – control of document

Operational control – emergency preparedness and response

Checking and review EMS :monitoring and measurement

Evaluation of compliance – non-conformance and corrective and preventive actions – internal audit

Management review . Ex 5

Environmental management system documentation

Environmental performance evaluation

Environmental performance indicators

Day 4

Implementation project of EMS

Initial environmental review

Workshop 1

Workshop 1 feedback

Case study of environmental excellence

Day 5

Pollution prevention methodology

Energy saving techniques

Course summary

Open forum and presentation of certification

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, Hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session

