

H S E

HEALTH

SAFETY

ENVIRONMENT



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Hazardous Waste Mgmt & Environmental Pollution Control

Duration: 5 Days



Introduction:

The world is small village and the environmental issues are strongly linked into each other and depend on our daily activities. The protection of environment becomes a global issue it is the responsibility bog everyone; the mankind activities are wide and diverse very much these days to stop, we must have better understanding to our activates on the surrounding environment. The pollution is a major danger we are all facing it these day; if we do not act to stop it will affect our life and affect our health. There is a strong link between pollution level and our daily activities starting from home to work. To be safe and healthy we must look after our environment

How to do that this short training course is year opportunity to gain the knowledge and to learn how to use the proper techniques to control the pollution in order to create a safe and friendly environment

Being aware about environmental issues in oil & gas industry will provide the opportunity to control hazards at all stages of the processing and delivery operation. Highly aware Environmental team observes strict adherence to safe practices, against criteria set internationally for the handling, storage and delivery of products

Procedures for the receiver of raw materials and finished products, as well as, the processing of final products and their delivery to the trade are monitored by state-of-the-art equipment on a twenty-four (24) hour basis

In this short training program you will get the benefit on how to be aware on handling and treating the surrounding environment and to reduce pollution and damage which will insure you having a safe and pleasant working surrounding environment

Who Should Attend?

This course is of value to professionals, managers, planners, consultants, environmental engineers, scientists, foresters, resource managers, decision makers and regulators in local and regional governments responsible for the provision of services to communities and industry requiring a technical overview

Methodology:

This interactive Training will be highly interactive, with opportunities to advance your opinions and ideas and will include:

- Lectures
- Workshop & Work Presentation
- Case Studies and Practical Exercise
- Videos and General Discussions

Certificate:

BTS attendance certificate will be issued to all attendees completing minimum of 80% of the total course duration.

Course Objectives:

By the end of this course delegates will be able to:

- Increase the individual Awareness protecting the environment
- How to reduce the pollution emitted into the surrounding environment
- Highlight the impact of our daily activities on environmental damage
- Discuss the link between health and environment

- To learn how can we protect our environment?
- Get the knowledge open creating a safe and friendly working environment
- Look into the chemistry of environmental issues
- Name and define the environmental issues

Course Outline:

DAY ONE

- General Introduction (what is environment)
- Greenhouse gases (what are they and who produce them)
- Green-house effect (the effect of green-house on our daily life)
- Global warming (is it an issue? Who is behind it; how to control it?)
- The impact of industry on environment (is there any links between industry and environment; what are the influences. We will see.....)
- The pollution main causes (what is pollution ; what are the reasons)

DAY TWO

- The pollutant types and effects (how to classify the pollutants and which is more dangerous than the other we will answer that)
- The heavy metal (list and name them; what are their effect on health and environment)
- The hazardous waste (what are they how to deal with them)
- How to handle the hazardous waste (how to manage them; what do we do with them)
- The environmental hazard (what is meant by that; and what are the hazards)
- The carbon cycle (the carbon Tax; the fuel combustion; the CO₂ emission)
- The smog issue (fog; Smoke; Dust; solid particles)

DAY THREE

- The legislations (the law; the local; national; regional and international laws)
- The regulations and guidelines (the rules and methods)
- The responsibilities (what is your duty; what is the duty of the employer; what is the duty of the public; what is the role of the government)
- What should we do (our action)

- Do your part (what is my duty)
- Air pollution (why and how to control that)

DAY FOUR

- Water pollution (what are they; how to reduce it)
- Soil pollution (how and what)
- The pollution of ground water (what; how;)
- The emission (how much; how often; what are they)
- The VOCs (name them; reduce them; how we can do that)
- The ozone layer (the hole in the ozone; what it will do if we do not act)
- Prevention of pollution and environment damage
- Pollution Control Measures
- Detection of leaks to stop pollution
- Environmental Emergency Response Plan
- Basic environmental Plan Requirements
- Detailed Emergency Response Plan for pollution
- Maintaining the Plan of pollution control
- Learning from Incidents/ Near-misses

DAY FIVE

- The photochemical reactions (the chain rule; the radicals, the chemicals...)
- Solvent emission (how much; the cost on life and environment)
- The treatment of effluent (how and when)
- The link between health and environment (we will look into that with good examples)
- The healthy environment (how to get that)
- The costing and prices to pay