

# H S E

HEALTH

SAFETY

ENVIRONMENT



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## **Environmental Protection: Loss Prevention & Pollution Control**

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**Duration:** 5 Days



### **Introduction:**

The petroleum industry can logically be divided into three major divisions: production, refining and marketing. All of these activities may be sources of pollution to the air and water.

Pollution from the marketing of petroleum products will generally be limited to hydrocarbons, which escape during filling operations and product storage, while production may be the sources of many types of pollutants from the complex equipment and operations. This course offers the participants understanding of the basic concepts of various pollution causes and also discusses various standards with petroleum pollution and effective prevention and measurement.

### **Who Should Attend?**

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Environmental, specialists, engineers, technicians and who interest to precede such programs.

## Course Objectives:

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

- Raise awareness of pollution causes
- Understand OSHA hazardous waste standard
- Learn about the oil and gas industry wastes
- Be introduced to Environmental Management System (EMS)
- Learn about waste management
- Define environmental impact assessment
- Apply effective prevention, regulations and measurements

## Course Outline:

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- Introduction
- Definition
- Active environmental legislation
- Clean air act
- Clean water act resource conservation and recovery act (RCRA)
- Hazardous and solid waste amendments (HSWA)
- OSHA hazardous waste standard (1910.120)
- The OSHA/EPA partnership
- Environmental pollution
- Air pollution
- Air pollution control engineering
- Water pollution
- Marine pollution

- Control technologies
- Petroleum industry and wastes
- Environmental management system
- Waste management
- Environmental impact assessment
- Auditing
- Enforcement
- Oil spill