



Introduction to Chemical Manufacturing

Regulatory Issues

Course Objectives

1. Explain how practices related to safety, health, environment, and security benefit a business, employees, and the community.
2. Explain the circumstances and conditions that lead to the creation of workplace safety regulatory agencies.
3. List the regulatory agencies that oversee the chemical manufacturing industry and describe their areas of responsibility.
4. Discuss the impact on chemical manufacturing of key health and safety legislation.



Key Terms (Define the following)

HAZCOM - _____

MSDS - _____



Questions

1. Explain how practices related to safety, health, environment, and security benefit a business, its employees, and the community.

2. Describe the workplace conditions that lead up to the creation of workplace safety regulatory agencies and legislation.

3. Explain the responsibilities of each of the following agencies:

OSHA

TOSHA

EPA

FDA

NRC

DOT

DHS

4. Describe the employer responsibilities required by each of the following legislations:

Hazard Communication Standard

Hazardous Waste Operation and Emergency Response Standard

Process Safety Management Standard

Clean Water Act

Clean Air Act

Resource Conservation and Recovery Act

Toxic Substances Control Act

Spill Prevention, Control, and Countermeasure Rule

Chemical Facility Anti-Terrorism Standards

