

**PROCESS SAFETY MANAGEMENT
OF
HIGHLY HAZARDOUS CHEMICALS; EXPLOSIVES
AND BLASTING AGENTS
1910.119
EFFECTIVE MAY 26, 1992**

1 What is the purpose of OSHA'S Process Safety Management Regulation?

To help protect employees and near-by communities by preventing or minimizing the release of highly hazardous chemicals

2 Which facilities must comply with the Process Safety Management Regulation?

Any facility which uses one or more toxic or reactive chemicals on OSHA'S Appendix A list in amounts equal to exceeding threshold quantities, produces explosives or pyrotechnics, or uses 10,000 pounds or more of flammable liquids or gases

3 How can you determine if the Process Safety Management regulation is applicable?

Obtain a copy of the regulation and compare the chemicals in Appendix A to the chemicals in your inventory

4 Explain Employee Participation

A company must have a written plan of action. Appropriate employees must be informed and involved and have access to information

5 Explain Process Safety Information

A company must have written information about chemicals, processes, technology, and equipment which is current, complete, and accurate.

6. Explain Process Hazard Analysis

A PHA is an organized, systematic effort to identify the hazard potential of any process which uses or creates hazardous chemicals. A team, which must include a person knowledgeable on the process and a person knowledgeable about the analysis method being used, conducts the PHA

7 Explain Operating Procedures

It requires written procedures for all processes involving the chemicals in Appendix A. The procedures must be available to appropriate employees. The procedures must be updated and certified as accurate at least annually.

8 Explain Training

Provide initial training and refresher training every three years. Evaluate effectiveness of training and document all training.

9 Explain Contractors

Screen contractors. Contractors and employers each have responsibility for safety.

10 Explain Pre-Startup Safety Review

A PSSR is required as a check that a new unit or modification to a unit is ready for safe startup.

11 Explain Mechanical Integrity

Prevention of equipment failure. It requires written procedures, training, testing and inspections.

12 Explain Hot-Work Permit.

It requires permit issuance that is kept on file until the work is completed.

13 Explain Management Of Change

Develop written procedures, update PSI and operating procedures, and retrain employees.

14 Explain Incident Investigation

Use a team and begin investigation within 48 hours of an incident. Prepare a report and address all the recommendations.

15 Explain Emergency Preparedness and Response

A written plan for meeting all emergencies.

16 Explain Compliance Audits

Every 3 years conduct an audit and prepare a written report.

Explain Trade Secrets - Does not apply to Aberdeen (Will be handled by Corporate)