Catastrophic accidents in the chemical industry have drawn attention to the safety of processes involving highly hazardous chemicals.

In response to tragic accidents of the past, OSHA implemented the Final Rule for Process Safety Management of Highly Hazardous Chemicals on February 24, 1992. Officially adopted in 1996, OSHA Standard 29 CFR 1910.119 established uniform policies, procedures, standard clarifications, and compliance guidance for enforcement of the standard for Process Safety Management of Highly Hazardous Chemicals. The standard, which was intended to eliminate or mitigate the consequences of harmful releases, emphasizes the application of management controls when addressing the risks associated with handling or working near hazardous chemicals, explosive chemicals, flammable gases, and liquids. When these substances are not properly controlled, there is a potential for an accidental release and the possibility of a disaster.

PSM SOLUTIONS

Helping You Achieve Your PSM Goals

EHS Support's team of experts understands the various hazards faced by our clients and their industries. We work closely with our clients to conduct comprehensive inspections under the PSM standard and the EPA's Risk Management Program (RMP) that evaluate the effectiveness of the PSM/RMP elements used by the client to manage the hazards associated with processes using highly hazardous chemicals. This broad evaluation includes:

- **Incident Investigation Program Development**
  - Assistance with on-site incident investigation
- **Emergency Planning and Response Program Development**
  - Training
- **Process Safety Information**
  - P&ID – Piping and Instrumentation Data
  - Hazards of the technology of the process
- **Hazard Analysis of Equipment in the Process**
  - Materials of construction
  - Facility Siting
  - Electrical classifications
  - Relief systems

- **Process Hazard Analysis**
- **Standard Operating Procedures** (SOP)
    - Development
    - Annual revalidation
- **Contractor Awareness/Training**
- **Pre-Startup Safety Review/Mergers and Acquisitions**
- **Mechanical Integrity Program Development**
    - Best practices
    - Standard Codes (IIAR/API)
- **Management of Change Program Development**
    - Management
    - Training
    - PHA/PSSR
- **Compliance Audits**
- **Risk Management Program** (RMP)

An Expert Team

EHS Support's team of experts has experience in identifying the potential risks associated with hazardous chemicals and how to store, transport, and use them in a way that ensures the safety of your employees and the surrounding communities. We also understand the complex regulations and work closely with you to develop comprehensive process safety management solutions that meet OSHA's standards and ensure the safety of all stakeholders.

For more information on EHS Support's Process Safety Management services, please contact: allen.mires@ehs-support.com or leeann.delmonte@ehs-support.com.