



**COMPANY
HEALTH & SAFETY
PROGRAM**

Issue: A
Date: 4/20/2009
Rev: 2
Date: 11/14/17
Authorized: *GDW*

Title: Process Safety Management Plan

Section No. 29

Page 1 of 4

1.0 PURPOSE

The purpose of this Power Process Piping, Inc. Process Safety Management Plan is to address the requirements of MIOSHA Occupational Health Standards, Part 591, and 29 CFR 1910.119, "Process Safety Management Of Highly Hazardous Chemicals", as they apply to contract employers.

The purpose of Process Safety Management in general is to prevent or minimize the consequences of catastrophic releases of toxic, reactive, flammable or explosive chemicals in various industries.

2.0 SCOPE

The plan provides procedures to be used when PPP is performing maintenance, repair, turnaround or renovation work in facilities such as refineries or chemical plants where the work is on or adjacent to a process covered by the Process Safety Management standards.

3.0 INDEX

- 1.0 Purpose
- 2.0 Scope
- 3.0 Index
- 4.0 Overview
- 5.0 Contractor Responsibilities



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Section No. 29

Page 2 of 4

4.0 OVERVIEW

Identified below are some of the requirements of the regulatory standards, with respect to process safety management of highly hazardous chemicals:

1. The owner shall compile written process safety information to enable the employer and the employees involved in operating the process to identify and understand the hazards posed by those processes. Material Safety Data Sheets may be used to comply with this requirement to some extent.
2. The owner shall perform an initial process hazard analysis on processes covered by the standard.
3. The owner shall develop and implement written operating procedures that provide clear instructions for safely conducting activities involved in each covered process consistent with the process safety information.
4. The owner shall develop and implement safe work practices to provide for the control of hazards during operations such as lockout/tagout, confined space entry, opening process equipment or piping and control over entrance into a facility by maintenance, contractor, laboratory or other support personnel. These safe work practices shall apply to employees and contractor employees.
5. The owner shall establish and implement written procedures to manage changes (except for "replacements in kind") to process chemicals, technology, equipment, and procedures; and, changes to facilities that affect a covered process.
6. Each employee involved in operating a process, and each employee before being involved in operating a newly assigned process, shall be trained in an overview of the process and in the operating procedures. The training shall emphasize safety and health hazards, emergency operations and safe work practices.



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Section No. 29

Page 3 of 4

5.0 CONTRACTOR RESPONSIBILITIES

Power Process Piping, Inc. shall assume Process Safety Management responsibilities as follows:

1. Assure that each PPP employee is trained in the work practices necessary to safely perform his or her job;
2. Assure that employees are instructed in the known potential fire, explosion or toxic release hazards related to his or her job and the process, and the applicable provisions of the emergency action plan;
3. Document the required training on a record that contains the employee's name, training date and training test results or other method to indicate that the training produced meaningful results;
4. Assure that each employee follows the safety rules of the facility including the safe work practices developed by the owner. Hot work permit procedures shall be strictly adhered to;
5. Advise the owner of any unique hazards created or discovered while performing work;
6. Provide employees with appropriate PPE at no cost to the employee;
7. Compel employees to immediately report all accidents, injuries and near misses. [PPP Safety Director will start an incident investigation within 48 hours. Resolutions and corrective actions must be documented and maintained 5 years.](#)
8. Aid the owner in investigating any incidents in which PPP was involved that resulted in or could have resulted in a catastrophic release of hazardous chemicals; and
9. Respect the confidentiality of trade secret information when entrusted with such.



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REVISION HISTORY

Revision number	Description of change	Written by	Checked by	Effective date
	Program reviewed and Revision History added		GMN	4/16/2014
1	Page 2 item #5 Management of change	George Newton	GMN	4/20/2014
2	Page 3 section 5 #7 Incident reporting added	Mike McCaffrey	MJM	11/14/17