



# Safety Toolbox Talks

## PROCESS SAFETY MANAGEMENT

### Purpose

To prevent or minimize the consequences of catastrophic releases of toxic, reactive, flammable, or explosive chemicals and establish guidelines for working around process equipment within operating units.

### Scope

This program shall apply to all Brieser Construction employees working around or on commissioned process equipment. Most work Brieser performs does not involve opening up and working on process equipment. This is the major question you have to ask yourself each day. Am I working ON process equipment or am I by a large tank or vessel that may contain hazardous material?

An example is if we excavate around process piping that would be considered PSM work and the site Superintendent should ensure that whatever is in that pipe is known and the hazards of a release are addressed. And that training is given to the employees about the material inside the piping. Lastly, the training is documented and turned into the office for safe recordkeeping.

Process equipment that involves: **This is the definition or what makes something PSM regulated**

1. Chemical at or above the specified threshold quantities listed in CFR 1910.119 appendix A. **This information should be given by our customer at time of job assignment. See Sect. 25 of Safety Manual.**
2. Flammable liquid or gas on site in one location in a quantity of 10,000 pounds or more (not including refueling stations, or heating gas storage). **Such as; H<sub>2</sub>S, SO<sub>2</sub> or maybe liq. Oxygen.**

### Responsibilities

Employees of Brieser Construction Co. will follow the plant PSM procedures set forth for working around such chemicals.

### Procedure

This PSM plan should encompass the following:

**Owner responsibilities- This is what our customer is required to tell us about process equipment we may be working around.**

1. Evaluation of contractor safety programs
2. Information of known potential fire, explosion, or toxic released hazards
3. Emergency action plans
4. Dissemination of safe work practices around process equipment
5. Owner auditing of contractor performance
6. Maintenance of injury and illness logs.

**Contractor responsibilities-**

1. Proper training to perform job- **What is the chemical and do I know the hazard?**
2. Instruction of known potential fire, explosion, or toxic release hazards to the employee related to their job and the process. **This information is obtained by the customer.**
3. Documentation of training- **The second sheet of this handout can be used to document training throughout the year. Describe the hazard of the process equipment you are working around and talk about the hazards.**
4. Assurance that employees follow facility safety rules & respect the confidentiality of trade secret information. **Review your customer's fire and evacuation rules. This will be your documented topic of training today.**
5. Notification to the owner of hazards that are associated with the Contractors work and of any hazards found by the Contractor.

# SafetyToolboxTalks

## BRIESER CONSTRUCTION SAFETY MEETING

Week of: \_\_\_\_\_

Job Number: \_\_\_\_\_

Date: \_\_\_\_\_

Job Name: \_\_\_\_\_

Superintendent: \_\_\_\_\_

Site Specific Topics:

\_\_\_\_\_  
\_\_\_\_\_

Crew Safety

Recommendations: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Reviewed MSDS #: \_\_\_\_\_ Subject: \_\_\_\_\_

Meeting Attended By: (Print your Name)


Supervisor/Foreman: \_\_\_\_\_