

SECTION 30

PROCESS SAFETY MANAGEMENT

Although MAPP does not ordinarily perform work which falls under the requirements of 1910.119 PSM Standard, MAPP does intend to comply with the PSM procedures of its clients where applicable.

1. PURPOSE AND SCOPE

Process safety management (PSM) was established to prevent or minimize the consequences of catastrophic releases of toxic, reactive, flammable, or explosive chemicals. To comply with client requirements for PSM, MAPP shall:

- Provide to our clients a copy of our injury and illness log experience as it relates to MAPP's work in covered process areas.
- Clients shall provide to MAPP prior to mobilization on site all process related information, hazards, and emergency information applicable to any part of the scope of work to be performed by MAPP or its subcontractors or affecting adjacent areas.
- Employees of MAPP and its subcontractors shall receive training in the following prior to beginning any work on a client project site. All training shall be documented, verification of understanding obtained, and records retained by site personnel according to MAPP project document retention policies.
 - work practices to safely perform their jobs,
 - known potential fire, explosion, or toxic release hazards associated with client facilities
 - MAPP and client emergency action plans.
- All MAPP employees and subcontractors are expected to perform their work in accordance with MAPP policies and client requirements. Items may include:
 - Control over entry into client's facility.
 - Confined Space Entry
 - Lockout/Tagout
 - Permitting Policies
 - Process opening
- MAPP shall inform the client of any unique hazards presented by their work and of any hazards discovered during the course of the work.
- When required by a client, hot work permits provided by the client shall be obtained before any hot work shall be performed on an owner's site.
- All incidents shall be reported immediately according the MAPP incident reporting policy.
- MAPP and its personnel shall respect any trade secret confidentiality when the process safety information is released to them.

SECTION 30**PROCESS SAFETY MANAGEMENT****2. MANAGEMENT OF CHANGE (MOC)**

The OWNER (refinery/chemical plant/facility) that is covered by the standard will typically handle all MOC situations, but we need to be aware of the program and be mindful that if we get involved with any changes, the necessary steps will need to take place. The company will 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.

Prior to the change, address the following considerations:

- The technical basis for the proposed change;
- Impact of change on safety and health;
- Modifications to operating procedures;
- Necessary time period for the change; and,
- Authorization requirements for the proposed change.

The Company will train affected employees and contract employees in the change prior to start-up of the process or affected part of the process.

The Company will update Process Safety Information (PSI), Process Hazard Analysis (PHA) and Operating Procedures as applicable.

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