PROCESS SAFETY MANAGEMENT (PSM)

- The primary goal of PSM is to prevent unwanted releases of highly hazardous chemicals.

- PSM identifies and prevents potential hazards before the work begins.
Basic Elements of PSM

- Employee Involvement
- Process Safety Information
- Process Hazard Analysis (PHA)
- Operating Procedures and Practices
- Employee Training
- Contractors
- Pre-Startup Safety Review
- Mechanical Integrity
- Work Permits
- Managing Change
- Investigation of Incidents
- Emergency Preparedness
- Compliance Audits
- Trade Secrets
Work Permits

• Ensures that specific types of work are performed under safe conditions.
• Gives *authorization* to workers to do special tasks.
• Helps to ensure that low risk jobs are assessed.
• Helps to manage jobs in a particular area.
• Non-routine work *cannot* be done without a signed, written permit.

Types:
• GENERAL WORK
• CONFINED SPACE ENTRY
• HOT WORK
Management of Change (MOC)

PURPOSE

- MOC is used to identify and eliminate hazards associated with a change in process technology, instrumentation or equipment.