

# Process Safety Management (PSM) Services and Codes Information

## Regulations that make Industrial Ammonia Refrigeration PSM necessary

### July 1990

OSHA published in the Federal Register (55 FR 29150) the **"Process Safety Management of Highly Hazardous Chemicals"** outlining requirements for the management of processes utilizing highly hazardous chemicals to assure safe workplaces. These OSHA regulations were phased in completely in 1997 and are generally referred to as **"PSM" (Process Safety Management)**.

### November 1990

United States Congress passed the **"Clean Air Act Amendments" (CAAA)** which require OSHA, in coordination with the EPA, to issue a chemical process safety standard to prevent accidental releases of chemicals that could pose a threat to employees. CAAA lists these chemicals and specifies the minimum elements OSHA must require of employers and outlines the criteria enforced by the EPA. These EPA regulations were phased in completely in 1999 and are generally referred to as **"RMP" (Risk Management Program)**.

### PSM + RMP = Protect People/Environment

These two foundations form the PSM program outline, a network of interlocking safety requirements.

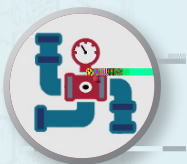
Stellar will manage **ALL 14 Elements of PSM** (as established by OSHA)

✓ Employee Participation



A great first step to bringing your facility into compliance. Our Compliance Audit reviews each of the 14 PSM Elements to ensure full regulatory compliance and confirms that procedures/instructions are being followed. A compliance audit is required every three years and is mandated by OSHA's PSM §1910.119(o) and EPA's RMP §68.79. This is an invaluable tool to

evaluate the current "health status" of your PSM/RMP program, allowing Stellar to be a third-party that puts fresh eyes on the system. Our PSM consultants bring years of rich experience to your plant, revealing problem areas, errors, omissions, and opportunities, helping you take corrective action prior to getting hit with OSHA citations or suffering a costly accident.



Two system inspections Stellar offers (often performed together)

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