

PROCESS SAFETY MANAGEMENT (PSM) SERVICES



OSHA's Process Safety Management of Highly Hazardous Chemicals Standard (29 CFR 1910.119) requires **all companies that deal with any of more than 130 toxic and reactive chemicals to have a Process Safety Management (PSM) program in place.** This program includes 14 elements, in addition to completing triennial compliance audits and reviewing your process hazard analysis (PHA) every five years.

Our EH&S experts can help you get—and stay—in compliance with this standard by **developing and implementing the 14 elements of your PSM program,** and also **conduct triennial audits of your 14 elements, train employees, and update and submit your PHA every five years.**

14 Elements of Process Safety Management

<p>Employee Participation [29 CFR §1910.119(c)] Verify that all employees are involved in the development of your process hazard analysis (PHA) and the information is made available to them.</p>	<p>Mechanical Integrity [29 CFR §1910.119(j)] Ensure your equipment has been inspected and tested, deficiencies addressed, quality assured, and written procedures were developed for maintaining that equipment.</p>
<p>Process Safety Information [29 CFR §1910.119(d)] Ensure that all employees can access and understand the technical data regarding highly hazardous chemical (HHC) risks they may face on the job.</p>	<p>Hot Work Permit [29 CFR §1910.119(k)] Review all hot work permits conducted on or near the covered processes to ensure it meets the fire prevention and protection requirements prior to beginning work.</p>
<p>Process Hazard Analysis (PHA) [29 CFR §1910.119(e)] Identify and evaluate processes that pose safety hazards, and address those that pose the greatest risk first.</p>	<p>Management of Change [29 CFR §1910.119(l)] Evaluate proposed changes for their impact to health, safety and operating procedures, and notification to employees of these changes.</p>
<p>Operating Procedures [29 CFR §1910.119(f)] Analyze instructions for all operational procedures, including initial startup, normal operations, temporary operations and emergency shutdown.</p>	<p>Incident Investigation [29 CFR §1910.119(m)] Review past incidents to ensure the investigations were initiated promptly, the required information was documented and any findings were promptly addressed.</p>
<p>Training [29 CFR §1910.119(g)] Review logs of employee training on safety-specific health hazards, emergency operations and safe work practices, including refresher training conducted at least every three years.</p>	<p>Emergency Response and Planning [29 CFR §1910.119(n)] Evaluate your Emergency Action Plan for compliance with 29 CFR §1910.38, including the handling of small chemical releases.</p>
<p>Contractors [29 CFR §1910.119(h)] Review records that confirmed a contractor's safety performance prior to their starting a project on a covered process, and that they were informed of potential risks and health hazards.</p>	<p>Compliance Audits [29 CFR §1910.119(o)] Certify that you have evaluated your compliance with the regulatory requirements by conducting a triennial audit and addressing all findings in a timely manner.</p>
<p>Pre-Startup Safety Review [29 CFR §1910.119(i)] Review documentation of pre-startup safety procedures prior to initial operations and following any modification that required a change in the safety process information.</p>	<p>Trade Secrets Check that all information necessary to comply with the PSM standard, regardless of the trade secret status of that information, is available to PSM personnel.</p>

FIND OUT HOW TO GET STARTED.

Contact us today for a no-obligation discussion.

JKellerConsulting.com/Process-Safety-Management

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