

LLNL Pressure Safety Program Best Practices

NLDC ES&H Working Group Workshop

WSH Manager
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Qualification of Pressure System Owners and Operators

- The LLNL ES&H manual defines the role of management and establishes several categories of Pressure System roles including:
 - Pressure Safety Manager
 - Pressure Consultant
 - Pressure Inspector
 - Pressure Installer
 - Pressure Operator
- Personnel in these roles are selected by the responsible organizations and trained per the Pressure Safety Management system. The key roles of inspector and installer follow a certification program

In Service Inspections

- Programmatic pressure safety systems are inspected by the Pressure Safety Inspectors. These inspectors are LLNL personnel familiar with our systems and trained on the job by experienced personnel. They must pass LLNL certification.
- The LLNL Pressure Safety Program also maintains the Pressure Test Record System, a database used to record pressure safety device tests and help track recalibration compliance

Pressure Vessel Controls

- Pressure vessels are controlled at LLNL by several means:
 - Procurement of pressure vessels uses the Controlled Items/Services List (CISL) to identify vessels and notify the Pressure Safety Manager of impending purchases and allow review of purchases
 - Integrated Work Sheet (IWS) reviews are used to identify LLNL custom designed vessels or ones transported on site by users
 - Programmatic design reviews are used to identify custom or modified pressure vessels requiring safety notes
 - Industrial Safety team personnel can identify vessels found during their routine work and notify the Pressure Safety team





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