NATIONAL ACCELERATOR LABORATORY

ENVIRONMENT, SAFETY & HEALTH DIVISION

Chapter 14: Pressure Systems

Pressure System Inspector Application Form

Product ID: 798 | Revision ID: 2837 | Date Published: 25 February 2026 | Date Effective: 25 February 2026
URL: https://www-esh.slac.stanford.edu/eshmanual/references/pressureFormInspectorApp.pdf

This form is required for documenting the qualifications of pressure system inspectors. It is to be completed by the worker, supervisor, and pressure systems program manager (PSPM). The completed form is to be maintained in the Competent and Qualified Persons and Engineers list.

Once the application is approved and the worker completes ESH Course 143, Pressure System Inspector, they are qualified to conduct inspections and witness pressure system tests, as required by this program or the Building Inspection Office (see Pressure Systems: Installation, Inspection, Testing, Maintenance, and Repair Requirements [SLAC-I-730-0A21S-053]).

To complete the process

1. Worker completes and signs this form and sends to supervisor
2. Supervisor signs and sends to PSPM
3. PSPM reviews, notifies worker and supervisor
4. Supervisor assigns ESH Course 143 to worker
5. Worker completes course with PSPM
6. PSPM notifies SLAC Training of ESH Course 143 completion
7. PSPM uploads completed form to the Competent and Qualified Persons and Engineers list

Inspection Type *(select qualification(s) you are looking for)*				
☐	ASME, DOT, or UN compressed gas cylinders			
☐	Pressure vessels under ASME Boiler Pressure and Vessel Code *(specify section)*: ☐ IV Heating Boilers	☐ VIII Pressure Vessels	☐ X Fiber-Reinforced Plastic	☐ XIII Overpressuree Protection
☐	Piping systems per ASME ☐ B31.3, Process Piping	☐ B31.5, Refrigeration Piping		☐ B31.9, Building Services Piping
☐	Pressure tests	☐ Hydrostatic	☐ Pneumatic	☐ In service
Qualifications				
☐	Have at least 10 years of experience in the design, fabrication, or examination of industrial pressure piping. Each 20% of satisfactorily completed work toward an accredited engineering degree w**ill** be considered equivalent to 1 year of experience, up to 5 years total.			
☐	Have a professional engineering registration, or nationally recognized equivalent with at least 5 years of experience in the design, fabrication, or examination of industrial pressure piping.			
☐	Be a certified welding inspector or a senior certified welding inspector as defined in AWS QCI, Standard for AWS Certification of Welding Inspectors, or nationally recognized equivalent, with at least 5 years of experience in the design, fabrication, or examination of industrial pressure piping.			
☐	Be an authorized piping inspector as defined in API 570, Piping Inspection Code: In-service Inspection, Rating, Repair, and Alteration of Piping Systems, with at least 5 years of experience in the design, fabrication, or examination of industrial pressure piping.			
☐	Hold an ASME training certificate as B31.3, Process Piping Design, Boiler Pressure Vessel Code, Sec VIII Div 1, or similar.			
☐	Other:			

Required SLAC Training *(these training courses must be on the applicant's STA and current)*			
☐	ESH Course 122, Pressure System Operator	☐	ESH Course 125, Pressure System Mechanic
☐	ESH Course 172, Compressed Gas Safety	☐	ESH Course 172PRA, Compressed Gas Safety Practical
☐	ESH Course 157, Control of Hazardous Energy	☐	ESH Course 175, Cryogenic Liquids and Oxygen Deficiency Safety

Management Endorsement		
It is SLAC's responsibility, exercised through the pressure systems program manager, to verify that all required training has been completed and through the pressure system inspector to inspect the piping or pressure system to the extent necessary to be satisfied that it conforms to all applicable examination requirements of the code and of the engineering design. (from ASME B31.3, Paragraph 340.2)		
Worker *(print)*:	Signature:	Date:
Supervisor *(print)*:	Signature:	Date:
Pressure Safety Program Manager*(print)*:	Signature:	Date: