

PVHO Inspection Checklist

This form is only a guide. For complete details, materials, and calculations, you must see the specifications contained in ASME Section VIII *and* ASME PVHO-1 *and* ASME PVHO-2.

Pressure Vessels for Human Occupancy

Wisconsin Registration Number:

Code Section	Code Requirement Summary	Notes See Reverse	Compliant Yes	Compliant No
SPS 341.10	Adoption of Standards			
ASME VIII Built	Must be built to some edition of ASME VIII			
PVHO-1 Built	Must be built to ASME VIII & PVHO-1			
PVHO-1 Stamping	MDR Must show stamp holder built by ASME U-stamp or U2 Stamp. Per PVHO-1 2.1 and 1.2.2			
PVHO-1 & ASME VIII	PVHO-1.,2.1 MDR and stamping MUST specify which ASME VIII and Division, were used in design and construction.			
PVHO-1.2.3	Window fabricators must complete form PVHO-2, fabrication certification for acrylic windows.			
PVHO-1 Forbidden materials	Forbidden construction materials are: SA-36, SA-283, SA-515 and all cast and ductile iron.			
PVHO-1.5	Inspection and testing, see code for specifics.			
PVHO-1.6	Detailed stamping requirements and applicable reports, see code for specifics.			
PVHO-1.7	PVHO Pressure Relief Requirements, see code for specifics.			
PVHO-1 1.7.1 and 1.7.1(a)	Operating PVHO MUST be attended and monitored by qualified operator when in use. ASME VIII Div 1, UG- 136 or Part AR of Div 2 shall be met.			
PVHO-1 1.7.1.(b)	Quick operating manual shutoff valves and pressure relief valves shall be wired open. See code for all details.			
PVHO-1 1.7.1.(b)	Also requires relief device be readily accessible to attendant during operation.			
PVHO-1 1.7.1(c)	Rupture disks shall not be used except as detailed in PVHO-1 1.7.1(c)			
PVHO-1 2-1.4	Windows and viewports detailed in PVHO-1 2-1.4			
PVHO-1 2-1.5	Each window must be individually identified.			
PVHO-1 2-1.6	Each window must be certified on form PVHO-2 and traceable to the manufacturer.			
PVHO-1 2-2.7 2.2.7.1	Design of windows for lifespan 10 years and 20 years. See code for specifics and calculations.			
PVHO-1 2-5.1	Details window inspection requirements.			
PVHO-1 2-5.3	Scratches and machine marks on windows are unacceptable.			
PVHO-1 2-6.1	Each window shall be marked as detailed. (see code for detail).			

Code Section	Code requirement Summary	Notes	Compliant yes	Compliant No
Design Certification	Per PVHO-1 4-1.2.2 Design must be certified by Professional Engineer or independent classification society competent in PVHO design. Note: per SPS 341, must be ASME Vessel.			
Depth Gages	See PVHO-1 4-7.4			
Pressure Gages	See PVHO-1 4-7.5			
Color Coding	See PVHO-1 4-7.9			
Labeling	See PVHO-1 4-7.10			
Log Cycle Count	Document cycle count meter reading at time of inspection, on the actual inspection report form under orders and conditions observed. Use paragraph 0000 to enter by hand.			

Inspector Notes: