

# 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
Comm. 41.10	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).			

