ASME PVHO-1-2016

PVHO-I Form VP-2 Acrylic Window Design Certification

Window Description Window	Drawing No		
Maximum allowable working pressure		psi	MPa
Maximum design temperatureF	Minimum design temperatu	re°F	°C
Window shape			
Conversion factor table number			
Pressure range, N	Conversion factor, CF		
Short-term critical pressure and fig. no			
Experimental Verification [Note (1)] Thickness t (actual)	No. 1		
De (est ell)	No. 3	No. 4	
Do (actual) Di (actual)	No.5	STCP	
Water temperature°F°C	•	e each test specin or MS for model	
Type of failure			
Test conducted at			
Test supervised by			
Window Design			
Inner diameter, Di (nominal)	Included angle (nominal)		
External radius of curvature (nominal)	Minimum tlDi (calculated)		
Minimum t (calculated)	Di IDf (nominal)		
Minimum Di (calculated)			
Diametral interference/clearance between Do of v	ndow and window seat at maximum desi	gn temperature	(calculated
Diametral interference/clearance between Do of v	ndow and window seat at minimum desi	gn temperature	(calculated
Actual t (specified on drawing)			
Actual Di (specified on drawings)	Actual Do (specified on drawings)		
Actual external radius of curvature (specified on drawings)			
(spherical or cylindrical)			
	flange Drawing no. of asso	مرا ما معر	

The viewport design complies with all of the requirements of the Safety Standard for Pressure Vess subsection 2-2.	sels for Human Occupancy,
viewport designer	date
authorized representative of chamber manufacturer or owner	date
name and address of chamber manufacturer or owner	date

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NOTE:

(1) If STCP is determined experimentally according to para. 2-2.5.2, then the critical pressures of all five windows tested, the testing laboratory, and the test supervisor should be noted here.

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