

**Window Description**

**Window Drawing No:** \_\_\_\_\_

Maximum allowable working pressure

psi                      Mpa

Maximum design temperature

°C                      °F

Minimum design temperature

°C                      °F

Window shape

Conversion factor table number

Pressure range, N

Conversion Factor

CF            at            °C                      °F

Maximum internal ambient temp

°C                      °F

Minimum external ambient temp

°C                      °F

Short-term critical pressure and fig. no.

**Experimental Verification (Note 1)**

Thickness t (actual) \_\_\_\_\_

Do (actual) \_\_\_\_\_

Di (actual) \_\_\_\_\_

Water \_\_\_\_\_

Temperature                      °C                      °F

Type of failure \_\_\_\_\_

Test conducted at \_\_\_\_\_

Test supervised by \_\_\_\_\_

No.1: \_\_\_\_\_ No.2: \_\_\_\_\_

No.3: \_\_\_\_\_ No.4: \_\_\_\_\_

No.5: \_\_\_\_\_ STCP: \_\_\_\_\_

(Note each test specimen FS for full scale and MS for model scale)

**Window Design**

Inner Diameter, Di (nominal)

Outer Diameter, Do (nominal)

Included Angle (nominal)

External Radius of Curvature (nominal)

Minimum t (calculated)

Minimum t/Di (calculated)

Do/Df (nominal)

Di/Df (nominal)

Minimum Di (calculated)

Maximum Df (calculated)

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Diametral Interference/clearance between  
Do of window and window seat at maximum  
design temperature (calculated)

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Diametral Interference/clearance between  
Do of window and window seat at minimum  
Design temperature (calculated)

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Actual t (specified on drawings)

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Actual Di (specified on drawings)

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Actual Df (specified on drawings)

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Actual Do (specified on drawings)

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Actual external radius of curvature  
(specified on drawings)  
(spherical or cylindrical)

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Drawing No of window

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Drawing No of flange

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Drawing No of assembly

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Description of pressure vessel  
(for which the window has been designed)

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The viewport design complies with all the requirements of the Safety Standard for Pressure Vessels for Human Occupancy subsection 2-2

Viewport Designer

Date

Authorised representative of chamber manufacturer or owner

Date

Name and address of chamber manufacture or owner

Date

Red = Minimum required information.