

TAKEN FROM MASTER DATA REPORT BY NATIONAL BOARD
FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELSCorrected
Copy

(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1 Page 1 of 2

1. Manufactured and certified by Forum US, Inc., 1102 Industrial Park Road, Clearfield, Pennsylvania, 16830, USA

(Name and address of Manufacturer)

2. Manufactured for Not Known

(Name and address of Purchaser)

3. Location of Installation Not Known

(Name and address)

4. Type Spherical CP670-01 N/A CLF-18000-VC-00 2529 2018
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)5. ASME Code, Section VIII, Division 1 2017/ N/A 2835 N/A
[Edition and Addenda, if applicable (date)] (Code Case numbers) [Special service per UG-120(d)]6. Shell: SA-516-70N 3.625 in .125 in 48" (ID) SEE REMARKS
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) [Length (overall)]

Body Flanges on Shells

No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7. Seams: CAT A TYPE 1 Full 100 1150 °F 2.5hrs N/A N/A N/A
[Long. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff. %) (H.T. temp) (Time, hr) [Girth. (welded, dbl., sngl., lap, butt)] [R.T. (spot or full)] (Eff. %) (No. of courses)8. Heads: (a) Material N/A (b) Material N/A
(Spec. no., grade) (Spec. no., grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	N/A	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(b)	N/A	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Body Flanges on Heads

No.	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
(a)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A

9. MAWP 5000 psi N/A at max. temp. 120 °F N/A
(Internal) (External) (Internal) (External)Min. design metal temp. -20 °F at 5000 psi . Hydro, pneu., or comb. test pressure HYDRO at 6500 psi .Proof test N/A .

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet/Outlet	2	6"	RTJLWN	SA-105N		2500#		Inherent	UW-16.1(c)		Head A
Drain	1	2"	RTJLWN	SA-105N		2500#		Inherent	UW-16.1(c)		Head B

11. Supports: Skirt Yes Lugs 2 Legs N/A Other N/A Attached Welded to Shell
(Yes or no) (Number) (Number) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors, have been furnished for the following items of the report:

N/A
(Name of part, item number, Manufacturer's name and identifying stamp)Over-Pressure Protection Provided by Others. Impact Tested per UCS-66. Non-Corrosive Service. Vessel is Spherical so Length is not applicable.

Manufactured by Forum US, Inc., 1102 Industrial Park Road, Clearfield, Pennsylvania, 16830, USAManufacturer's Serial No. CP670-01CRN N/ANational Board No. 2529

CERTIFICATE OF SHOP/FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 41208

expires May 5, 2020Date 05/23/2018

Co. name

Forum US, Inc.

(Manufacturer)

Signed


(Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Forum US, Inc. at 1102 Industrial Park Road, Clearfield, Pennsylvania, 16830, USA

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by

OneCIS Insurance Company, of Lynn, MAhave inspected the component described in this Manufacturer's Data Report on April 27, 2018,

and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 05/23/2018

Signed


(Authorized Inspector)

Commissions

15486

(National Board Authorized Inspector Commission number)