

5631
No.
63280
No.

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

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

- 1. Manufactured and certified by Refrigeration Valves and Systems Corporation, 1520 Crosswinds Drive, Bryan, Texas, 77808
2. Manufactured for AMMONIA REFRIGERATION SERVICE, P.O. BOX 308, JERSEY, Georgia, 30018
3. Location of installation GREENWOOD ICE CREAM, 4829 PEACHTREE RD., CHAMBLEE, Georgia
4. Type VERT. 16" X 32" DUMP TANK 48568
5. ASME Code, Section VIII, Div. 1 2010/ 2011a N/A N/A

Items 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, shell of heat exchangers, or chamber of multichamber vessels.

- 6. Shell: (a) Number of course(s) 1 (b) Overall length 1' 7"

Table with columns: Course(s), Material, Thickness, Long. Joint (Cat. A), Circum. Joint (Cat. A, B, & C), Heat Treatment. Row 1: 1, 16" OD, 1' 11", SA53B, .375, 0, E, NONE, 85, 2, NONE, 65, N/A, N/A.

- 7. Heads: (a) SA 516-70 NO HT (b) SAME

Table with columns: Location, Thickness, Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side to Pressure, Category A. Rows (a) TOP, (b) BOT.

If removable, bolts used (describe other fastening) N/A

- 8. Type of jacket N/A Jacket closure N/A

If bar, give dimensions N/A If bolted, describe or sketch.

- 9. MAWP 250 psi at max. temp. 300 F Min. design metal temp. -50 F at 250 psi

- 10. Impact test NO UCS-66-b at test temperature of N/A

- 11. Hydro., pneu., or comb. test pressure Hydro. at 325 psi Proof test N/A

Items 12 and 13 to be completed for tube sections.

- 12. Tubesheet N/A N/A N/A N/A N/A

- 13. Tubes N/A N/A N/A N/A N/A

Items 14-18 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers.

- 14. Shell: (a) Number of N/A (b) Overall length N/A

Table with columns: Course(s), Material, Thickness, Long. Joint (Cat. A), Circum. Joint (Cat. A, B, & C), Heat Treatment. Row 1: N/A, N/A.

- 15. Heads: (a) N/A (b) N/A

Table with columns: Location, Thickness, Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side to Pressure, Category A. Row 1: N/A, N/A.

If removable, bolts used (describe other fastening) N/A

16. MAWP N/A N/A at max. temp. N/A N/A Min. design metal temp. N/A at N/A
 (Internal) (External) (Internal) (External)

17. Impact test N/A at test temperature of N/A
 [Indicate yes or no and the component(s) impact tested]

18. Hydro., pneu., or comb. test pressure N/A Proof test N/A

19. 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	
MISC.	1,1	1-1/2,3/4	WE	SA106B		S/80	0	INHERENT	*		
COLUMN	2	1-1/4	WE	SA106B		S/80	0	INHERENT	*		
MISC.	2,1	3/4,1/2	THD CPLG	SA105		3000#	0	INHERENT	*		

20. Supports: Skirt No Lugs 0 Legs 3 Others NONE Attached WELDED TO SHELL AND BOTTOM HEAD
 (Yes or no) (Number) (Number) (Describe) (Where and how)

21. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report (list the name of part, item number, Manufacturer's name, and identifying number):

N/A

22. Remarks

PRESSURE RELIEF DEVICE SUPPLIED BY OTHERS. *WELDED IN ACCORDANCE WITH FABRICATION DRAWING. NON-LETHAL, NON-CORROSIVE SERVICE. TESTED IN VERTICAL POSITION.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements 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 18912 Expires October 10, 2013

Date 10/07/2013 Name Refrigeration Valves and Systems Corporation Signed [Signature]
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of TX and employed by OneCIS Insurance Company of Lynn, MA have inspected the pressure vessel described in this Manufacturer's Data Report on September 13, 2013, 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 10/08/2013 Signed [Signature] Commissions 12355A, TX1681
 (Authorized Inspector) [National Board (incl. endorsements), State, Province, and number]

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements made in this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. U Certificate of Authorization Number _____ Expires _____

Date _____ Name _____ Signed _____
 (Assembler) (Representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____ have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. The described vessel was inspected and subjected to a hydrostatic test of _____. 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 _____ Signed _____ Commissions _____
 (Authorized Inspector) [National Board (incl. endorsements), State, Province, and number]