

P.O. 208827

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by: Refrigeration Valves And Systems Corporation, 1520 Crosswind Dr., Bryan, TX 77808
(Name and address of Manufacturer)

2. Manufactured for: STELLAR FREEZING INC., 2900 HARTLEY RD., JACKSONVILLE, FL 32257
(Name and address of Purchaser)

3. Location of installation: COCA-COLA, 427 SAN CHRISTOPHER DR., DUNEDIN, FL
(Name and address)

4. Type: HORIZ. 8" X 36" OIL POT 45957
(Horiz, vert. or sphere) (Tank, separator, etc., vessel, heat exch, etc.) (Mfg's serial No.)
--- (CRN) 45957 REV.0 22976 2011
(Drawing No.) (Mfrl Bd No.) (Year built)
5. ASME Code, Section VIII, Div. 1 2010 NONE ---
(Edition and Addenda (date)) (Code Case No.) (Special Service per UG-120(d))

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

6. Shell (a) No. of course(s): 1 (b) Overall length (ft. & in.): 2' 4"

No.	Course(s)	Out. Dia. in.	Length (ft. & in.)	Material Spec./Grade or Type	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B & C)			Heat Treatment	
					Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time (hr.)
1		8.625	2' 4"	SA106B	.322	0	S	NONE	85	2	NONE	65	---	---

7. Heads: (a) SA234 WPB NO HT (b) SAME
(Mfrl Spec. No., Grade or Type) H.T. - Time & Temp. (Mfrl Spec. No., Grade or Type) H.T. - Time & Temp.

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)	Category A		
		Min.	Corr.	Crown	Knuckle						Type	Full, Spot, None	Eff.
(a)	END	.281	0	---	---	2:1	---	---	---	CONCAVE	---	---	---
(b)	END	.281	0	---	---	2:1	---	---	---	CONCAVE	---	---	---

removable, bolts used (describe other fastening) ---
(Mfrl Spec. No., Grade, Size, No.)

8. Type of jacket --- Jacket closure ---
(Describe as open & weld, bar, etc.)

If bar, give dimensions ---
9. MAWP 300 --- psi at max. temp. +300 --- °F Min. design metal temp. -50 °F at 300 psi.
(internal) (external) (internal) (external)

10. Impact test NO UCS-66-b at test temperature of --- °F
(Indicate yes or no and the component(s) impact tested)

11. Hydro., pneum. or comb. test press 390 Proof test ---

Items 12 and 13 to be completed for tube sections

12. Tubesheet ---
Stationary (Mfrl Spec. No.) --- Dia. in. (subject to press) --- Nom. thk. in. --- Corr. Allow., in. --- Attachment (welded or bolted) ---
Floating (Mfrl Spec. No.) --- Dia. in. --- Nom. thk. in. --- Corr. Allow., in. --- Attachment ---

13. Tubes: ---
Mfrl Spec. No., Grade or Type --- O.D. in. --- Nom. thk. in. or gauge --- Number --- Type (Straight or U)

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

14. Shell (a) No. of course(s): --- (b) Overall length (ft. & in.): ---

No.	Course(s)	Out. Dia. in.	Length (ft. & in.)	Material Spec./Grade or Type	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B & C)			Heat Treatment	
					Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time (hr.)

15. Heads: (a) --- (b) ---
(Mfrl Spec. No., Grade or Type) H.T. - Time & Temp. (Mfrl Spec. No., Grade or Type) H.T. - Time & Temp.

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)	Category A		
		Min.	Corr.	Crown	Knuckle						Type	Full, Spot, None	Eff.
(a)				---	---	---	---	---			---	---	---
(b)													

removable, bolts used (describe other fastening) ---
(Mfrl Spec. No., Grade, Size, No.)