

FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS

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As required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by Ryan Industries - 4800 Allmond Avenue - Louisville, Kentucky 40214  
(Name and address of Manufacturer)

2. Manufactured for SELOX INC. - 821 East 11th Street - Chattanooga, Tennessee 37401  
(Name and address of Purchaser)

3. Type Vert. Kind Jacketed, Tank Vessel No. 6653 (Alt. Serial) (Inst. & State No.)  
(Flange or Vert.) (Tank, Jacketed Heat Exch.) (Fig. or F.B. & Spec. Min. I.S.)  
Nominal Confusion 0 In. Diam. 3 0 In. Length 9 9 In. Yr. Built 1977

Items 4-9 incl. to be completed for single wall vessels (such as air tank, jackets of heat exchangers or shells of heat exchangers)

4. SHELL: Material SA240 - T304 T.S. 75,000 Nominal Thickness .264 Confusion 0 In. Diam. 3 0 In. Length 9 9 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. I.S.)

5. SEAMS: Long Double Butt H I No R I RT-2 Section of No Efficiency 100  
(Welded, Dbl. Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
Girth Single Butt H I No R I RT-2 Section of No Efficiency 100

If riveted describe seams fully on reverse side of form.

HEADS (a) Material SA240 - T304 T.S. 75,000 (b) Material SA240 - T304 T.S. 75,000  
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Material Radius Flat Diameter  
(a) Top, bottom, ends 262 min. 2:1  
(b) Channel 262 min. 2:1  
(c) Floating

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

STAYBOOTS: (Material) If No Bow (Size of Hole) Attachment (Threaded, Welded) (Type) (Vert.) Diam. (Nominal)

JACKET CLOSURE: (Describe as gage & weld, bar, etc. If bar give dimensions if bolted, describe or sketch)

Constructed for max. allowable working press. 250 psi at max. temp. 100 F. Min. Temp. when less than -20 F. -320 } Test Press. 407  
Hydrostatic  
Pneumatic  
Combustion

ITEMS 10-11 to be completed for tube sections

10. TUBESHEETS: Stationary, Material (Kind & Spec. No.) Diam. In. Thickness In. Attachment (Welded, Bolted)  
Floating, Material (Kind & Spec. No.) Diam. In. Thickness In. Attachment

11. RIBS: Material (Kind & Spec. No.) O.D. In. Thickness In. Number of Ribs Type (Straight or U)

ITEMS 12-13 to be completed for inner chambers of jacketed vessels or channels of heat exchangers

12. SHELL: Material (Kind and Spec. No.) T.S. Nominal Thickness In. Allowance In. Diam. In. Length In. Efficiency

13. SEAMS: Long H I R I Section of Efficiency  
(Welded, Dbl. Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

If riveted describe seams fully on reverse side of form.

HEADS (a) Material (b) Material  
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Material Radius Flat Diameter T.S. Side to Pressure (Concave or Convex)

(a) Top, bottom, ends  
(b) Channel  
(c) Floating

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

Constructed for max. allowable working press. 250 psi at max. temp. 100 F. Min. Temp. when less than -20 F. -320 } Test Press. 407  
Hydrostatic  
Pneumatic  
Combustion

Items below to be completed for all vessels when applicable

SAFETY VALVE OUTLETS Number 1 Location Vent Line

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Radius	How Attached
Instrument	2	.625	Bar	SA479-T304	.1175		Welded
Instrument	1	.875	Bar	SA479-T304	.2425		"
Top & Bottom Fill	2	2.500	Bar	SA479-T304	.680		"
Vent & Liq. Draw	2	1.500	Bar	SA479-T304	.1800		"
Hydro-1"	1	.750	Bar	SA479-T304	.105		"
Hydro-2"	1	2.375	Pipe	SA312-TP304	.154		"

List under remarks other internal or external pressure with coincident temperature when applicable