

NON-DISCRETIONARY

FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS  
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1100774  
PV-8526-1

1. Manufactured by Weldon, Inc., Clark, New Jersey  
(Name and address of manufacturer)
2. Manufactured for The Folger Coffee Company, Cincinnati, Ohio  
(Name and address of purchaser)
3. Location of installation The Folger Coffee Company, Sherman, Texas  
(Name and address)
4. Type Horizontal Vessel No. 2945I C-4192 3284 Year Built 1983  
(Horiz., or vert. tank) (Mfg's Serial No.) (CRN) (Drawing) (Nat'l Brd No.)
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1980 and Addenda to 6/30/82 and Code Case no. \_\_\_\_\_ Special service per UG-120(d)  
(Date) (Year)

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UNTIL SUPER SEDED

Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: \_\_\_\_\_

(Name of part, item number, mfg's name and identifying stamp)

Items 6-11 incl. to be completed for single walled vessels, jackets of jacketed vessels, or shells of heat exchangers

6. Shell: Material SA106B Nominal Thickness .277 in. Corrosion Allowance 1/16 in. Diam. 0 ft 8-5/8 in. Length 7 ft 10-3/4 in.  
(Spec. No., Grade)
7. Seams: Longitudinal Seamless R.T. none Efficiency 100 % H.T. Temp \_\_\_\_\_ F  
(Welded, Dbl., Sngl., Lap, Butt) (Spot or Full)
- Time \_\_\_\_\_ Girth none R.T. none No. of Courses 1  
(Welded Dbl., Sngl., Lap, Butt) (Spot, Partial or Full)
8. Heads: (a) Material \_\_\_\_\_ (b) Material \_\_\_\_\_  
(Spec. No., Grade) (Spec. No., Grade)

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

If removable, bolts used (describe other fastenings) \_\_\_\_\_

(Material, Spec. No., Gr., Size, No.)

9. Type of Jacket \_\_\_\_\_ Proof Test \_\_\_\_\_
10. Jacket Closure \_\_\_\_\_ If bar, give dimensions \_\_\_\_\_ If bolted, describe or sketch.  
(Describe as ogee & weld, bar, etc.)
11. Constructed for max. allowable working pressure FV&150 psi at max. temp. 400 F Min. temp. (when less than -20 F) \_\_\_\_\_ F.  
Hydrostatic, pneumatic, or combination test pressure .225 psi

Items 12 and 13 to be completed for tube sections

12. Tubesheets: Stationary—Material SA240-304L Diam. 8-5/8 in. Nominal Thickness 5/8 in. Corrosion Allowance 0 in. Attachment welded Floating—Material \_\_\_\_\_ Diam. \_\_\_\_\_ in.  
(Spec. No., Gr.) (Subject to pressure) (Welded, Bolted) (Spec. No., Grade)
- Nominal Thickness \_\_\_\_\_ in. Corrosion Allowance \_\_\_\_\_ in. Attachment \_\_\_\_\_

13. Tubes: Material SA249-304 O.D. 3/4 in. Nominal Thickness 18 ~~max~~ gauge Number 30 Type Straight  
(Spec. No., Gr.) (Straight or "U")

Items 14-17 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers.

14. Shell: Material SA312-304L Nominal Thickness .148 in. Corrosion Allowance 0 in. Diam. 0 ft 8-5/8 in. Length 0 ft 7-1/4 in.  
(Spec. No., Gr.)
15. Seams: Longitudinal welded R.T. spot Efficiency 85 % H.T. Temp \_\_\_\_\_ F Time \_\_\_\_\_  
(Welded, Dbl., Sngl. Lap, Butt) (Spot or Full)
- Girth none R.T. none No. of courses 1  
(Welded, Dbl., Sngl., Lap, Butt) (Spot, Partial, or Full)

16. Heads: (a) Material SA516-70 (b) Material \_\_\_\_\_  
(Spec. No., Grade) (Spec. No., Gr.)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio
(a)	Ends	1	0	-	-	-
(b)						
	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)		
(a)	-	-	8	Flat		
(b)						

If removable, bolts used (describe other fastenings) SA193-B7, 3/4, 8, each head with SA240-304L liners

(Material, Spec. No., Gr., Size, No.)



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17. Constructed for max. allowable working pressure FW150 psi at max temp. 400 F. Min. temp. (when less than -20 F) \_\_\_\_\_ F.Hydrostatic, pneumatic, or combination test pressure 240 psi.

Items below to be completed for all vessels where applicable

18. Safety Valve Outlets: Number \_\_\_\_\_ Size \_\_\_\_\_ Location By Others

19. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached
Inlet/outlet	1ea	2	150#RFSO	SA182-304L	.154	none	welded
Inlet/outlet	1ea	3	150#RFSO	SA105	.216	none	welded
drain	1	3/4	150#RFSO	SA105	.154	none	welded
auxconn	3	3/4	3000#cplg	SA105	-	none	welded
aux.conn	2	1	3000#cplg	SA105	-	none	welded

20. Inspection Openings:

Manholes No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

Handholes No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

Threaded No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

21. Supports: Skirt no Lugs - Legs - Other U Bolt Attached shell bolted  
(Yes or no) (No.) (No.) (Describe) (Where and how)22. Remarks: Cooler for non-lethal service-shell, propylene-tubes, water nozzles: aux.conn. 4,  
3/4, 3000# cplg, SA182-304L, none, welded

## CERTIFICATE OF 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 Code for Pressure Vessels, Section VIII, Division 1.

Date 3/11/83 Signed Weldon, Inc. by Peter J. Jozang  
(Manufacturer) (Representative)"U" Certificate of Authorization No. 11,621 expires August 10 19 84

## CERTIFICATE OF SHOP INSPECTION

Vessel made by Weldon, Inc. at Clark, New JerseyI, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of New Jersey and employed by N.J. Dept. of Labor & Industry of Trenton have inspected the pressure vessel described in this Manufacturers' Data Report on 3/11 19 83, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in the Manufacturers' Data Report. Furthermore, neither the Inspector nor his 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 3-11-83  
Signed Vincent J. Papacris Commissions NB7135  
(Inspector) (Nat'l Board, State, Province and No.)

## CERTIFICATE OF COMPLIANCE FOR FIELD WORK

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 Code for Pressure Vessels, Section VIII, Division 1.

Date \_\_\_\_\_ Signed \_\_\_\_\_ by \_\_\_\_\_  
(Manufacturer) (Representative)

"U" Certificate of Authorization No. \_\_\_\_\_ expires \_\_\_\_\_, 19 \_\_\_\_\_.

## CERTIFICATE OF FIELD ASSEMBLY INSPECTION

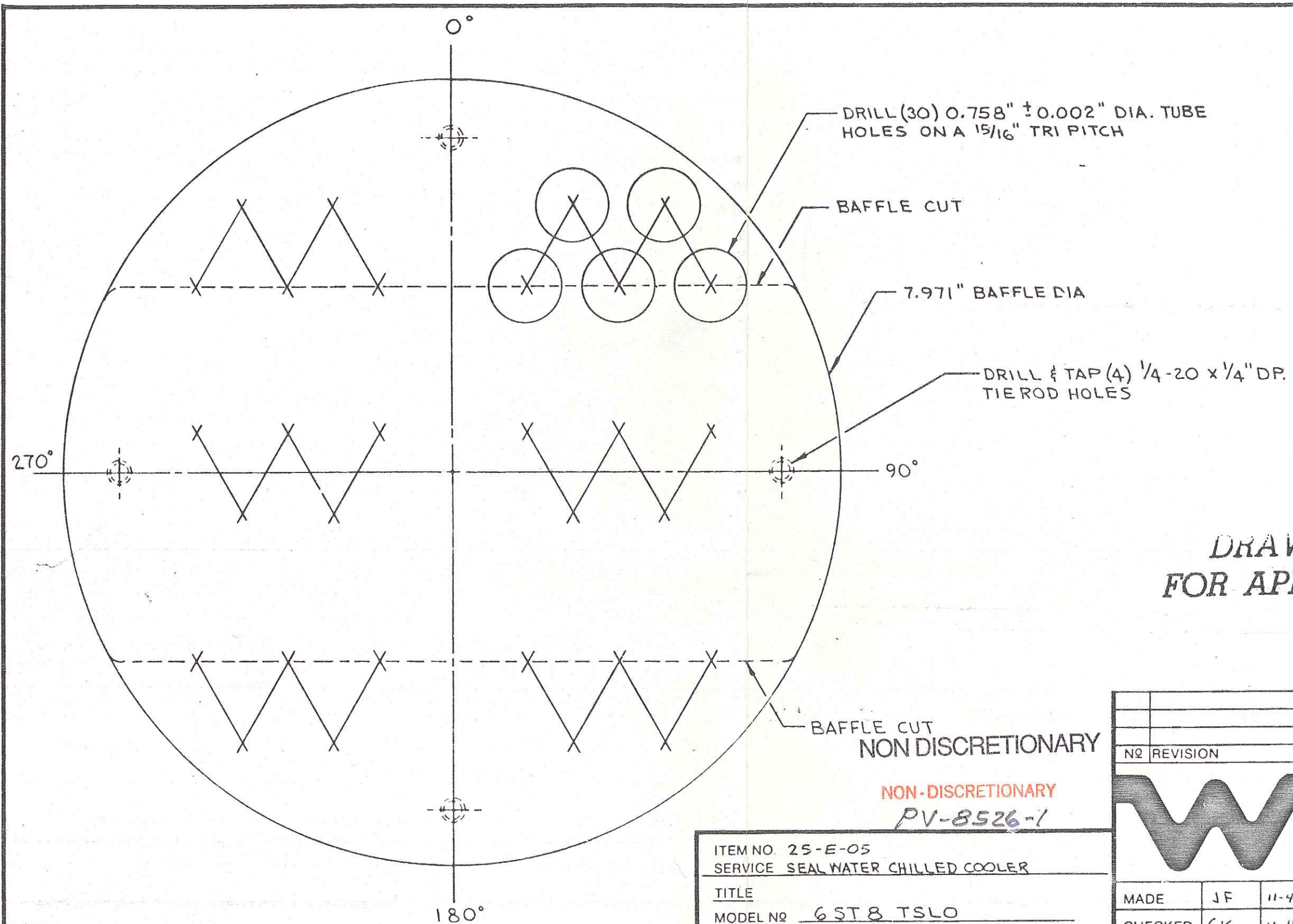
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of \_\_\_\_\_ and employed by \_\_\_\_\_ of \_\_\_\_\_ have compared the statements in this Manufacturers' Data Report with the described pressure vessel and state that parts referred to as data items \_\_\_\_\_, not included in the certificate of shop inspection, have been inspected by me and that, to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1.

The described vessel was inspected and subjected to a hydrostatic test of \_\_\_\_\_ psi.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturers' Data Report. Furthermore, neither the Inspector nor his 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 \_\_\_\_\_





DRAWING  
FOR APPROVAL

ITEM NO. 25-E-05  
SERVICE SEAL WATER CHILLED COOLER

TITLE  
MODEL NO. 6 ST 8 TSLO  
CUSTOMER FOLGER COFFEE CO  
CUSTOMER P.O. NO. ENS-FT-X50013-TMH

NON-DISCRETIONARY  
PV-8526-1

NO		REVISION		BY		DATE	
MADE		JF		11-4-82		S.O.-2945-1	
CHECKED		GK		11-4-82		B-2080	
APPROVED		RB		11-4-82		REV. 0	
SCALE		FULL					

**WELDON**  
HEAT EXCHANGERS  
CLARK, N.J. 07066