

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS
(Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels Only)

as required by the provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by E. L. NICKELL COMPANY, INC., 635 FRANKLIN STREET, CONSTANTINE, MI 49042
(Name and address of Manufacturer)

2. Manufactured for PRESTON REFRIGERATION CO., PO BOX 15296, KANSAS CITY, KS 66115 PO#-33842
(Name and address of purchaser)

3. Location of installation BRYAN FOODS, ONE CHURCHILL RD., WEST POINT, MS 39773
(Name and address)

4. Type: VERTICAL VESSEL 51394 N/A C-14596-A, REV 1 48490 2001
(Horiz. or vert. tank) (Mfr's. Serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

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: 1998
(Year)

to 7/1/2000 N/A N/A
Addenda (Date) Code Case No. Special Service Per UG-120(d)

6. Shell: SA-516-70 1" 0" 12'-0" 14'-0"
Mat'l. (Spec. No., Grade) Nom. Thickness (in.) Corr. Allow. (in.) Diam. ID (ft. & in.) Length (overall)(ft. & in.)

7. Seams: TYPE 1 FULL 100% N/A N/A TYPE 2, TYP. SPOT* 2
Long (Welded, Dbl. Sng. Lap, Butt) RT (Spot or Full) Eff. (%) H.T. Temp. (° F) Time(hr.) Grth(Welded, Dbl. Sng. Lap, Butt) RT (spot partial, or full) No. of courses

8. Heads. (a) Mat'l 1" NOM. SA-516-70 (b) Mat'l SAME
(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)	TOP	0.91	0	---	---	2:1	---	---	---	CONCAVE
(b)	BOTTOM	0.91	0	---	---	2:1	---	---	---	CONCAVE

If removable, bolts used (describe other fastenings): N/A
(Mat'l. spec. No., Gr., Size, No.)

9 MAWP: 250 psi at max. temp. +500 ° F
Min design metal temp. -20 ° F at 250 psi. Hydro, ~~pressure~~ test pressure 329 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Dia. or Size	Type	Material	Nom. Thickness	Reinforcement Mat'l	How Attached	Location
MISC	2,1	8", 6"	PIPE	SA-106-B	S/80	SA-516-70	WELDED	N/A
TRANSFER	1,1	4", 2 1/2"	PIPE	SA-106-B	S/80	SA-516-70	WELDED	N/A
MISC., RELIEF	3,1	1 1/2", 1 1/4"	PIPE	SA-106-B	S/80	---	WELDED	N/A
MISC	3	1"	PIPE	SA-106-B	S/80	---	WELDED	N/A

11. Supports: Skirt YES Lugs 0 Legs 0 Other 4-WELDPADS Attached SHELL, HEADS
(Yes or no) (No.) (No.) (Describe) (Where and how)

WELDED

12. Remarks: Manufacturers' 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, Mfr's. name and identifying stamp)

A 1 1/2" THICK X 3 1/2" O.D. SA-516-70 X-RAY ACCESS CLOSURE WAS WELDED IN THE SHELL. FOR NON-LETHAL, NON-CORROSIVE REFRIGERATION SERVICE.

NOZZLE END PLATES ARE FOR TEST PURPOSE ONLY, CONSTRUCTION DOES NOT MEET ASME/SERVICE REQUIREMENTS.

***PER UW-11(a)(5)(b)**

Impacts Exempt Per: UG-20(f) Head Efficiency = 100%

CERTIFICATE OF SHOP 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 "U" Certificate of Authorization No. <u>1601</u> expires <u>2-20-2004</u> .	
Date: <u>1-20-02</u> Co. name <u>E. L. Nickell Company, Inc.</u> Signed <u>[Signature]</u> (Manufacturer) (Representative)	
CERTIFICATE OF SHOP INSPECTION	
Vessel constructed by <u>E. L. Nickell Company, Inc.</u> at <u>Constantine, Michigan</u>	
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 <u>Michigan</u> and employed by <u>The Hartford Steam Boiler Inspection and Insurance Co</u> of <u>Hartford, CT</u>	
have inspected the component described in this Manufacturer's Data Report on <u>12-31, 2001</u> , and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the 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 this Manufacturer's 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 <u>1-3-2002</u> Signed <u>[Signature]</u> Commissions <u>NB8832(A) MI533</u> (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) State, Prov. and No.)	