FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

H144

1. Manufactured and certified by CHART COOLER SERVICE COMPANY, INC., 5500 E. INDEPENDENCE TULSA, OK 74115
(Name and address of manufacturer)

2. Manufactured for COMPRESSOR SYSTEMS, INC., 3809 S. FM 1788, MIDLAND, TX 79706
(Name and address of purchaser)

3. Location of installation UNKNOWN
(Name and address)

4. Type: HEAT EXCHANGER (Horiz. or vert. tank) | 53607-2 (Mfgr's serial No.) | - (CRN) | 53607-2 (Drawing no.) | 9573 (Nat'l Bd. No.) | 2008 (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 2004 (Year)

to 2006 (Addenda (Date)) | - (Code Case Nos.) | - (Special Service per UG 120(d))

6. Shell: SA516 70 (Matl. (Spec. No., Grade)) | 1.25"/1.625" (Nom. Thk. (in.)) | 0.0625" (Corr. Allow. (in.)) | n/a (Diam. I.D. (ft. & in.)) | 4'-2.875" (Length (overall) (ft. & in.))

7. Seams:

CORNER	none	n/a	n/a	n/a	n/a	none	n/a
Long. (Welded, Dbl., Sngl., Lap, Butt)	R.T. (Spot or Full)	Eff. (%)	H.T. Temp (°F)	Time (hr)	Girth (Welded, Dbl., Sngl., Lap, Butt)	R.T. (Spot, Eff.(%) or Full)	No. of Courses

8. Heads: (a) Matl. SA516 70 (Spec No., Grade) (b) Matl. SA516 70 (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/Bottom	1"/0.5"	0.0625"	n/a	n/a	n/a	n/a	n/a	n/a	Flat
(b)	End	0.75"/0.5"	0.0625"	n/a	n/a	n/a	n/a	n/a	n/a	Flat

If removable, bolts used (describe other fastenings) None (Matl., Spec. No., Gr., Size, No.)

9. MAWP 645 (internal) - (external) psi at max. temp. 350 (internal) - (external) °F

Min. design metal temp. -20 °F at 645 psi. Hydro., ~~pneu.~~, ~~or comb.~~ test pressure 839 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet/Outlet	2	8"-300#	RFWN/Pipe	SA-105/SA-106B	Sch 80	Integral	UW16.1a	Wrapper
Auxiliary	2	1"	CPLG	SA-105	6000#	Integral	UW16.1a	Wrapper
Inspection	156	1.375"	NF	SA-105	n/a	n/a	n/a	Plugsheet

11. Supports: Skirt No (Yes or no) Lugs 8 (No.) Legs None (No.) Other Nameplate Bracket (Describe) Attached Header/Welded (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: -
none
(Name of part, item number. Mfgr's name and identifying stamp)
[1] NO RELIEVING DEVICE PER UG-125. [2] CONSTRUCTED PER APPENDIX 28. [3] AIR-COOLED HEAT EXCHANGER
[4] TUBE: 1.25"ODX0.06" MWX38'LG, SA-214, QTY-78. [5] IMPACT TEST EXEMPT PER UG 20(f)
[6] SERVICE "IC-2". [7] HEADER OUTSIDE DIMENSIONS: 10.375" X 10.125" X 50.875" & 9.375" X 6.25" X 50.875".

CERTIFICATE OF SHOP / FIELD 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. 28648 expires 10/10/2010.

Date 3-15-08 Co. Name CHART COOLER SERVICE COMPANY, INC. (Manufacturer) Signed [signature] (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by CHART COOLER SERVICE COMPANY, INC. at 5500 E. INDEPENDENCE TULSA, OK 74115.

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Oklahoma and employed by Hartford Steam Boiler Inspection & Insurance Co. of CT have inspected the component described in this Manufacturer's Data Report on 3/4/08, 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 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 3/17/08 Signed [signature] (Authorized Inspector) Commissions NB 11445 A OK714 (Nat'l Board. (incl. endorsements) State, Prov. and No.)