

As required by the Provisions of the ASME Code Rules and the National Board, SECTION VIII, DIVISION 1.

1. Manufactured by KOBE, PRODUCTION EQUIPMENT DIVISION 2310 STEVEN ROAD ODESSA, TEXAS 75762
 (Name and address of Manufacturer)
 2. Manufactured for KOBE, INC. MAWP-115 PSI CRN-X-0201.2
 (Name and address of Purchaser)
 3. Type HORIZ. Kind SEPARATOR Vessel No. (8040-1) TEXAS Nat'l Bd No. 475 Yr. Built 1975
 (Horiz. or Vert.) (Tank, Jacketed, Heat Exch.) (Mfrs. Serial) (State & State No.)

Items 4-7 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of Heat Exchangers

4. SHELL: Material SA-515-70 T.S. 70,000 Nominal Thickness 3/8 in Allowance 0 in Diam 51.0 in Length 20.0 in
 (Kind and Spec. No.) (Fig. or P. S. & Spec. Min. T.S.) (Custom)

5. SEAMS: Long Welded db butt. No RT & spot Sectioned No Efficiency 85 %
 (Welded, Edg., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
 Circ Welded db butt HT. No RT Spot Sectioned No No. of Courses 2

If stated describe cracks fully on reverse side of form

6. HEADS: (a) Material SA-515-70 T.S. 70,000 (b) Material SA-515-70 T.S. 70,000

Location (Top, bottom, ends)	Thickness	Crown Radius	Round Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Std. to Pressure (Convex or Concave)
(a) Ends	1/2"	54"	4.2					Concave
(b)								

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

7. BOLTS: If hollow Attachment (Threaded, Welded) Pitch (Hole) X (Vert) Diam (Hole)

8. JACKET CLOSURE: (Describe or Attach Sketch, for use if not given elsewhere, if listed, describe or sketch)

9. Maximum working pressure 125 psi at max. temp. 300 °F Max temp. (other than this - 300) °F

Items 10 and 11 to be completed for tube sections.

10. Tube Sheets: Stationary. Material (Kind & Spec. No.) Thickness in Attachment (Welded, Bolted)

Flange. Material (Kind & Spec. No.) Diam in Thickness in Attachment

11. Tubes: Material (Kind & Spec. No.) O.D. in Thickness in Type

Items 12-15 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

12. SHELL: Material SA-515-70 T.S. 70,000 Nominal Thickness 3/8 in Allowance 0 in Diam 51.0 in Length 20.0 in
 (Kind and Spec. No.) (Fig. or P. S. & Spec. Min. T.S.) (Custom)

13. SEAMS: Long Welded db butt H.T. No RT & spot Sectioned No Efficiency 85 %
 (Welded, Edg., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
 Circ Welded db butt H.T. No RT Spot Sectioned No No. of courses 2

If stated describe cracks fully on reverse side of form

14. HEADS: (a) Material SA-515-70 T.S. 70,000 (b) Material SA-515-70 T.S. 70,000

Location (Top, bottom, ends)	Thickness	Crown Radius	Round Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Std. to Pressure (Convex or Concave)
(a) Top, bottom, ends								
(b) Channel								
(c) Flange								

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

15. Maximum working pressure 125 psi at max. temp. 300 °F Max temp. (other than this - 300) °F

Items below to be completed for all Vessels where applicable.

16. SAFETY VALVE OUTLETS: Number 1 Size 2" Location Shell

Number	Size of Size	Type	Material	Thickness	Attachment	Notes
1	1/2"	Flanged	SA-515-B	.432	None	Welded
2	3/4"	Flanged	SA-515-B	.216	None	Welded
3	1"	Flanged	SA-515-B	.216	None	Welded
4	1 1/2"	Flanged	SA-515-B	.194	None	Welded
5	2"	Flanged	SA-515-B	.194	None	Welded
6	2 1/2"	Coupling	SA-105-B	3000	None	Welded
7	3"	Coupling	SA-105-B	3000	None	Welded

* If provided (see Table) * List other internal or external pressures with coincident temperatures when applicable.

Nozzle	Number	Diag. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Gauge	1	3/4"	Coupling	SA-105-B	3000#	None	Welded
Gauge	6	1/2"	Coupling	SA-105-B	3000#	None	Welded

18. INSPECTION: Manholes, No. 1 Size 16" Location Head None Welded
 Openings: Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____

19. SUPPORTS: Skirt _____ Legs 2 Other _____ Attached Welded
 (Yes or No) (Number) (Number) (Describe) (Where & How)

20. REMARKS: _____

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Coker, etc. State contents of each part.)

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 9-5-75 Signed KONE, PRODUCTION EQUIPMENT DIVISION by Richard Slack
 Manufacturer

Certificate of Authorization Expires MAY 1, 1978 #11505

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY KONE, PRODUCTION EQUIPMENT DIVISION at ODESSA, TEXAS

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by COMMERCIAL UNION of BOSTON, MASS., have inspected the pressure vessel described in this manufacturer's data report on 9-5-75, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

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 9-5-75 Inspector Signature H. E. Roush Commissions N.B. 5717
 National Board, State, Province and No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of _____ and employed by _____ of _____ have compared the statements in this manufacturer's 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 the applicable sections of the ASME Boiler and Pressure Vessel Code. 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 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 10 Inspector Signature _____ Commissions _____
 National Board, State, Province and No.