

FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS

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

del. 1/8
att.

1. Manufactured and certified by OHMSTEDE, INC. - LAPORTE PLANT 12415 LAPORTE RD. LAPORTE, TX 77571
(name and address of manufacturer)
2. Manufactured for M.W. KELLOGG/ TENNECO OIL CO. P.O. BOX 1307 LAPORTE, TX 77572-1307
(name and address of purchaser)
3. Location of installation TENNECO OIL CO. 1200 N. BROADWAY LAPORTE, TX 77571
(name and address)
4. Type HORIZ. HT. EXCH. 28383 N/A 28383 166 1991
(horiz. or vert. tank) (mfr's serial no.) (CPN) (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 Code, Section VIII, Division 1: 1989
(year)
- 1989 A N/A N/A
(addenda (Date)) (Code Case no.) (special service per UG-120(d))

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

6. Shell: SA516-70 .875" .125" 2' - 10" 22' - 1 15/16"
(mat'l spec no. grade) (nom. thickness (in.)) (corr. allow (in.)) (dia ID (ft. & in.)) (length (overall) (ft. & in.))
7. Seams: DBL-BUTT FULL 100% N/A N/A DBL-BUTT FULL 3
(long (dbl., singl.)) (RT (spot or full)) (eff. (%)) (HT temp. (°F)) (time) (girth (dbl., singl.)) (RT (spot, partial, or full)) (no. of courses)
8. Heads: (a) SA516-70 (b) _____
(mat'l spec no. grade) (mat'l 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)	END	.875"	.125"			2:1				CONCAVE
(b)										

If removable, bolts used (describe other fastenings): (44) 1 1/8" SA193 BY STUDS WITH SA194-HH NUTS
(mat'l, spec no., gr., size, no.)

9. Type of jacket: N/A Proof test: _____
10. Jacket closure: N/A If bar, give dimensions: _____ If bolted, describe or sketch.
(describe as ugee & weld bar, etc.)
11. MAWP: 640 at max. temp. 300° Min design metal temp.: 10° at 640 Hydro. XXXXXX test pressure 960
(psi) (°F) (°F) (psi)

Items 12 and 13 to be completed for tube sections

12. Tubesheets: SA350-LF2 36.125" 3.6875" .125" BOLTED
(stationary mat'l spec no. gr.) (dia (in. subject to pressure)) (nom. thickness (in.)) (corr. allow (in.)) (attachment (welded, bolted))
- SA350-LF2 33.625" 3.6875" .125" TUBES
(floating mat'l spec no. gr.) (dia (in.)) (nom. thickness (in.)) (corr. allow (in.)) (attachment)
13. Tubes: SA214 3/4" .083" (MW) 734 STRAIGHT
(mat'l spec no. gr.) (OD (in.)) (nom. thickness (in. or gauge)) (no.) (type (straight or U))

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

14. Shell: SA516-70 .875" 1/8" 2' - 10" 1' - 8 15/16"
(mat'l spec no. gr.) (nom. thickness (in.)) (corr. allow (in.)) (dia ID (ft. & in.)) (length (overall) (ft. & in.))
15. Seams: DBW SPOT 85% 1150° 1 HR. DBW SPOT 1
(long (dbl., singl.)) (RT (spot or full)) (eff. (%)) (HT temp. (°F)) (time) (girth (dbl., singl.)) (RT (spot, partial, or full)) (no. of courses)
16. Heads: (a) CHANNEL COVER: SA350-LF2 (b) FLOATING HEAD COVER: SA516-70
(mat'l spec no. grade) (mat'l 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)	END	3 9/16"	.125"						40.875"	FLAT
(b)	END	1 3/4"	.125"	24"					29.625"	BOTH

If removable, bolts used (describe other fastenings): CHAN. COVER: (52) 7/8" DIA SA193-B7 WITH 2H NUTS
(mat'l, spec no., gr., size, no.)

- FLOATING HD. COVER: (56) 3/4" DIA SA193-B7 STUDS WITH 2H NUTS
17. MAWP: 430 at max. temp. 650° Min design metal temp.: 10° at 430 Hydro. XXXXXX test pressure 645
(psi) (°F) (°F) (psi)

FORM U-1 (back)

18. Nozzles, inspection and safety valve openings: PER UG 125 NOTE 39

Purpose (inlet, outlet, drain, etc.)	Number	Dia. or Size	Type	Mat'l	Nom Thickness	Reinforcement Material	How Attached	Location
SHELLSIDE								
INLET	1	12" 300LB	RFLWN	SA105	1.687"	INTEGRAL	WELDED	TOP
OUTLET	1	12" 300LB	RFLWN	SA105	1.687"	INTEGRAL	WELDED	BOTTOM
TUBESIDE								
INLET	1	8" 300LB	RFLWN	SA105	1.3125"	INTEGRAL	WELDED	BOTTOM
OUTLET	1	8" 300LB	RFLWN	SA105	1.3125"	INTEGRAL	WELDED	TOP
VENT, DRAIN	1 EA.	1" 6000LB	CPLG	SA105	---	INTEGRAL	WELDED	SHELL CVR

19. Supports: Skirt NO Lugs N/A Legs N/A Other SADDLES Attached BOTTOM WELDED
(yes or no) (no) (no) (describe) (where and how)

20. Remarks: Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: MINIMUM DESIGN METAL TEMPERATURE PER UG-20
(name of part, item number, ref's name and identifying stamp)

ROLLED AND WELDED CYLINDERS FABRICATED BY OHMSTEDE, INC. - LAKE CHARLES PLANT UNDER AUTHORIZATION # 17397 AND SERIAL #'S: 28383-1, 28383-2 AND 28383-3.
CUSTOMER ITEM # 06E-101

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. 18673 expires JUNE 27, 1992

Date 9-30-91 Name OHMSTEDE, INC. - LAPORTE PLANT
(manufacturer)

Signed  Representative

CERTIFICATE OF SHOP INSPECTION

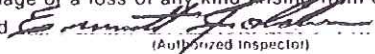
Vessel constructed by OHMSTEDE, INC. at LAPORTE, TX

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 H.S.B.I. & I. CO.

of HARTFORD, CT have inspected the pressure vessel described in this Manufacturers' Data

Report on 9-30, 1991 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 9-30-91 Signed  (Authorized Inspector) Commissions NB 9263
(Natl Bd Incl endorsements) State price and fees

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this vessel conforms with the requirements of Section VIII, Division 1 of the ASME BOILER AND PRESSURE VESSEL CODE

"U" Certificate of Authorization no. _____ expires _____, 19____

Date _____ Name _____ Signed _____
(assembler that certified and constructed field assembly) (representative)

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 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 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 _____ Signed _____ Commissions _____
(Authorized Inspector) (Natl Bd Incl endorsements) State price and fees

FORM U-2A MANUFACTURERS' PARTIAL DATA REPORT (ALTERNATIVE FORM)
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
as required by the provisions of the ASME Code rules, Section VIII, Division 1

#9
Full cert. 2/15
4/13/1991

3201 Swisco Rd.
1. Manufactured and certified by Ohmstede, Inc., Lake Charles Plant, Sulphur, LA 70669
(name and address of manufacturer)
2. Manufactured for Ohmstede, Inc., LaPorte Plant, 12415 LaPorte Rd., LaPorte, TX 77572
(name and address of purchaser)
3. Location of Installation Unknown
(name and address)
4. Type: Unknown 28383-1 --- 28383-SH R-0 --- 1991
(horiz. or vert. tank) (mfr's. serial no. of part) (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 construction, and workmanship conform to ASME Code, Section VIII, Division 1: 1989
(year)
A 90
(addenda (date)) (Code Case no.) (special service per UG-120(d))
6. (a) Drawing prepared by Ohmstede, Inc. (b) Description of part inspected Cylinder
7. Postweld heat treatment: temperature --- °F. Time ---
8. Shell: SA516-70N 7/8" Unknown 2'10" 22' 1 15/16" 3
(mat'l. spec. no., grade) (nom. thickness (in.)) (corr. allow (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.)) (no. of courses)
9. Seams: Dbl. Butt Full 100 Dbl. Butt Full
(long) (RT) (eff. (%)) (girth) (RT)
10. Heads: (a) --- (b) ---
(mat'l. spec. no., grade) (mat'l. 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)										
(b)										

If removable, bolts used (describe other fastenings):

(mat'l. spec. no., gr., size, no.)

11. MAWP --- at max. temp. --- Min. design metal temp.: --- at --- Test press.: --- In the ---
(psi) (°F) (°F) (psi) (hydro, pneu., or comb. (psi)) (position)
12. Nozzles and inspection openings:

Purpose (Inlet, outlet, drain, etc.)	Number	Dia. or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location

AD# 303492

13. Supports: Skirt --- Lugs --- Legs --- Other --- Attached ---
14. Remarks: Design data by others
Item #10 through #13 are non-applicable
Formed in accordance with UCS 79(d)
28383 Keller, Tenn
8/6/91

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel part conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.
"U" Certificate of Authorization no. 17,397 expires June 4, 19 94
Date 8-5-91 Name Ohmstede, Inc. Signed [Signature]
(manufacturer) (representative)

CERTIFICATE OF SHOP 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 Louisiana and employed by H.S.B.I. & I. CO.
of Hartford, CT have inspected the pressure vessel part described in this Manufacturers' Data Report on 8-2, 19 91
and state that to the best of my knowledge and belief, the manufacturer has constructed this part of a 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 part 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 loss of any kind arising from or connected with this inspection.
Date 8-5, 19 91 Signed [Signature] Commissions 2A-1148
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state, prov. and no.)

FORM U-2A MANUFACTURERS' PARTIAL DATA REPORT (ALTERNATIVE FORM)
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
as required by the provisions of the ASME Code rules, Section VIII, Division 1

316

#A of
Cuan
23166

1. Manufactured and certified by Ohmstede, Inc., Lake Charles Plant, Sulphur, LA 70669
(name and address of manufacturer)

2. Manufactured for Ohmstede, Inc., LaPorte Plant, 12415 LaPorte Rd., LaPorte, TX 77572
(name and address of purchaser)

3. Location of installation Unknown
(name and address)

4. Type Unknown 28383-2 --- 28383 R-0 --- 1991
(horiz. or vert. tank) (mfr's. serial no. of part) (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 construction, and workmanship conform to ASME Code, Section VIII, Division 1: 1989
A 90 (year)
(addenda (date)) (Code Case no.) (special service per UG-120(d))

6. (a) Drawing prepared by Ohmstede, Inc. (b) Description of part inspected Cylinder

7. Postweld heat treatment: temperature --- °F. Time ---

8. Shell: SA516-70N 7/8" Unknown 2' 10" 1' 8 15/16" 1
(mat'l. spec. no., grade) (nom. thickness (in.)) (corr. allow. (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.)) (no. of courses)

9. Seams: DRI. BUTT SPOT 85 --- ---
(long) (RT) (eff. (%)) (girth) (RT)

10. Heads: (a) --- (mat'l. spec. no., grade) (b) --- (mat'l. 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)										
(b)										

If removable, bolts used (describe other fastenings):

(mat'l. spec. no., gr., size, no.)

11. MAWP --- at max. temp. --- Min. design metal temp.: --- at --- Test press.: --- In the ---
(psi) (°F) (°F) (psi) (hydro, pneu. or comb. (psi)) (position)

12. Nozzles and inspection openings:

Purpose (inlet, outlet, drain, etc.)	Number	Dia. or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location

13. Supports: Skirt --- Lugs --- Legs --- Other --- Attached ---

14. Remarks: Design data by others
Item #10 through #13 are non-applicable
Formed in accordance with UCS 79(d)

28383 Marked
8/6/91

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel part conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.

"U" Certificate of Authorization no. 17,397 expires June 4, 1994

Date 8-2-91 Name Ohmstede, Inc. Signed [Signature]
(manufacturer) (representative)

CERTIFICATE OF SHOP 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 Louisiana and employed by H.S.B.I. & I. CO. of Hartford, CT have inspected the pressure vessel part described in this Manufacturers' Data Report on 8-2, 1991

and state that to the best of my knowledge and belief, the manufacturer has constructed this part of a 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 part 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 8-2, 1991 Signed [Signature] Commissions 2A.1148
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state, prov. and no.)

This form may be obtained from The National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Ave., Columbus, OH 43220

HB-133
Rev. 3

FORM U-2A MANUFACTURERS' PARTIAL DATA REPORT (ALTERNATIVE FORM)
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
as required by the provisions of the ASME Code rules, Section VIII, Division 1

#4
Full size of 4/5
7/3/66

1. Manufactured and certified by Ohmstede, Inc., Lake Charles Plant, Sulphur, LA 70669
(name and address of manufacturer)
2. Manufactured for Ohmstede, Inc., LaPorte Plant, 12415 LaPorte Rd., LaPorte, TX 77572
(name and address of purchaser)
3. Location of Installation Unknown
(name and address)
4. Type: Unknown 28383-3 --- 28383-SC R-0 --- 1991
(honz. or vert., tank) (mfr's. serial no. of part) (CRM) (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 construction, and workmanship conform to ASME Code, Section VIII, Division 1: 1989
(year)
- A 90
(addenda (date)) (Code Case no.) (special service per UG-120(d))
6. (a) Drawing prepared by Ohmstede, Inc. (b) Description of part inspected Cylinder
7. Postweld heat treatment: temperature --- °F. Time ---
8. Shell: SA516-70N 7/8" Unknown 2' 10" 0' 11 1/8" 1
(mat'l. (spec. no., grade)) (nom. thickness (in.)) (corr. allow. (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.)) (no. of courses)
9. Seams: Dbl. Butt Full 100 --- ---
(long.) (RT) (eff. (%)) (girth) (RT)
10. Heads: (a) --- (mat'l. (spec. no., grade)) (b) --- (mat'l. (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)										
(b)										

If removable, bolts used (describe other fastenings):

(mat'l. spec. no., gr., size, no.)

11. MAWP --- at max. temp. --- Min. design metal temp.: --- at --- Test press.: --- in the ---
(psi) (°F) (°F) (psi) (hydro, pneu., or comb. (psi)) (position)

12. Nozzles and inspection openings:

Purpose (inlet, outlet, drain, etc.)	Number	Dia. or Size	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location

13. Supports: Skirt --- Lugs --- Legs --- Other --- Attached ---
14. Remarks: Design data by others

Item #10 through #13 are non-applicable
Formed in accordance with UCS 79(d)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel part conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.

"U" Certificate of Authorization no. 17,397 expires June 4, 1994
Date 8-2-91 Name Ohmstede, Inc. Signed [Signature]
(manufacturer) (representative)

CERTIFICATE OF SHOP 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 Louisiana and employed by H.S.B.I. & I. CO. of Hartford, CT have inspected the pressure vessel part described in this Manufacturers' Data Report on 8-2, 1991

and state that to the best of my knowledge and belief, the manufacturer has constructed this part of a 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 part 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 8-2, 1991 Signed [Signature] Commissions LA 1148
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state, prov. and no.)

FORM R-1 REPORT OF WELDED ☒ REPAIR OR ☐ ALTERATION
as required by the provisions of the National Board Inspection Code

1 Work performed by CUST-O-FAB, INC.

(name of repair or alteration organization)

94-250P

(P.O. no., job no., etc.)

2526 WEST 21st STREET, SAND SPRINGS, OKLAHOMA 74063

(address)

2 Owner QUANTUM USI DIVISION

(name)

HIGHWAY 30 WEST, CLINTON, IA 52732

(address)

3. Location of installation QUANTUM USI DIVISION

(name)

HIGHWAY 30 WEST, CLINTON, IA 52732

(address)

4. Unit identification HEAT EXCH.

(boiler, pressure vessel)

Name of original manufacturer

OHMSTEDE MACHINE WORKS, INC.

5. Identifying nos

2537

(mfr's serial no.)

166

(original National Board no.)

(jurisdiction no.)

(other)

1979

(year built)

6 Description of work RETUBED HEAT EXCHANGER USING (2184) 0.750" OUTSIDE DIAMETER x 0.083" MINIMUM

(use back, separate sheet, or sketch if necessary)

WALL THICKNESS x 360' LONG x SA-179 TUBES. SEAL WELDED ALL TUBES AT EACH END TO BOTH TUBESHEETS UTILIZING TUNGSTON INERT GAS FUSION WELDING (GTAW). ROLLER EXPANDED ALL TUBES TO TUBESHEETS AFTER SEAL WELDING WAS COMPLETE. PT EXAMINED ALL TUBE-TO-TUBESHEET SEAL WELDS AFTER ROLLER EXPANSION OF TUBES INTO TUBESHEETS WAS COMPLETED.

SHELL SIDE

Pressure test, if applied

450

psi

7. Replacement Parts. Attached are Manufacturers' Partial Data Reports properly identified and signed by Inspectors for the following items of this report

8 Remarks

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

49-360 TEMA TYPE "NEN" HEAT EXCHANGER

ITEM NO.: C 0145D

PURCHASE ORDER NO.: SC12290

SERVICE PROPYLENE COMPRESSOR DISCHARGE CONDENSER

(reverse side of form)

CERTIFICATE OF SHOP/ FIELD COMPLIANCE

We verify that the statements made in this report are correct and that this conforms to the National Board Inspection Code

REPAIR

(repair or alteration)

"R" Certificate of Authorization no R2913 expires APRIL 15 19 96
Jurisdictional Authorization no expires 19

Date MAY 4 19 94

CUST-O-FAB, INC.
(repair organization)

Signed

Sam H. [Signature]
(Representation)

CERTIFICATE OF SHOP/ FIELD INSPECTION

I, the undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of OKLAHOMA and employed by COMMERCIAL UNION INSURANCE COMPANY

of BOSTON, MASSACHUSETTS

have

inspected the work described in this report on 5-17 19 94 and state that to the best of my knowledge and belief this work has been done in accordance with the National Board Inspection Code. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date 5-17 19 94

Signed

[Signature]
(Inspector)

Commissions

[Signature]
(National Board and state commissions)