

1020
A157698

SP-420

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

(A) 157698

1. Manufactured and certified by VADA IND. STEEL-FLO DIV., 100 STOCKTON AVE., OKOTOKS, ALTA.
(Name and address of manufacturer)

2. Manufactured for HTI CANADA, 1039 - 26 STREET N.E., CALGARY, ALBERTA T2A 6K8
(Name and address of purchaser)

3. Location of installation USER: MOBIL G.C. LSD. 7-12-49-1-W4M
(Name and address)

4. Type HORIZONTAL 1639-01 F-0466.2 SFV1639-01 1984
(Major or serial No.) (Mfg's serial No.) (CRN) (Drawing No.) (Mat. Id. 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 1983
Yes

to WINTER 1983
(Date)

6. Shell: SA516-70 .375" .125" 96" 36' 0"
(Mat. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length overall) (ft. & in.)

7. Seams: DBL BUTT FJLL 1.0 1125 3/4 DBL BUTT FULL 4
(Long. (Welded, Dbl. Sngl. Lap, Butt)) (R.T. (Spot or Full)) (Eff. (%)) (H.T. Temp. (F)) (Time (hr)) (Grth (Welded, Dbl. Sngl. Lap, Butt)) (R.T. (Spot, Partial, or Full)) (No. of Courses)

8. Heads: (a) Mat. SA516-70 (b) Mat. _____
(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)	ENDS	.394"	.125"			2:1			96"	CONCAVE
(b)										

If removable, bolts used (describe other fastenings) _____
(Mat., Spec. No., Gr., Size, No.)

9. MAWP 75 psi at max. temp. 350 °F
Min. temp. (when less than -20°F) _____ °F. Hydro., pneu., or comb. test pressure 113 psi

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet Outlet Drain)	No.	Diam. (Size)	Type	Mat.	Nom. Thk.	Reinforcement Mat.	How Attached	Location
SEE REMARKS								

11. Supports: Skirt NO Lugs 2 Legs _____ Other _____ Attached _____
(Yes or no) (No.) (No.) (Describe) (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: SEE U4 FORM ATTACHED FOR ITEM 10
(Name of part, item number, Mfg's name and identifying stamp)

VOLUME = 1681 FT.³
SERVICE - HORIZONTAL OIL TREATER

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. 18 180 expires JAN. 6, 1986.
Date JULY 20/84 Co. name VADA IND. STEEL-FLO DIV. Signed [Signature]
(Date of issue) (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by VADA INDUSTRIES STEEL-FLO DIVISION at 100 STOCKTON AVE., OKOTOKS
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 ALBERTA and employed by GENERAL SAFETY SERVICES, BOILERS BRANCH
have inspected the component described in this Manufacturer's Data Report on JULY 20, 1984, 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 JULY 20, 1984 Signed [Signature] Commissions _____
(Authorized Inspector) (National Board/State/Province/Inspector's Stamp, Print and Sign)

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FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by VADA IND. STEEL-FLO DIV., 100 STOCKTON AVE., OKOTOKS, ALTA. TOL ITO
(Name and address of manufacturer)

2. Manufactured for H.T.I. CANADA, 1039 - 26 STREET N.E., CALGARY, ALBERTA T2A 6K8
(Name and address of purchaser)

3. Location of Installation USER: MOBIL G.C. LSD-12-49-1-W4M
(Name and address)

4. Type HORIZONTAL 1639-01 F-0466.2 SFV 1639-01 1984
(Type, vert. tank, etc.) (Mfg's. serial No.) (CRN) (Dwg) (Nat'l. Bd. No.) (Year built)

Data Report Item Number 10 Remarks

PURPOSE	NO.	DIAM.	TYPE	MATERIAL	THICKNESS	MATERIAL	ATTACHED	LOCATION
INLET	1	4"	RFPT	-	150#	WELD METAL	WELDED	SHELL
AWODES	4	4"	RFLWN	SA-105	.531"	WELD METAL	WELDED	SHELL
L.L.C.	1	4"	RFWN	SA-106B	.531"	WELD METAL	WELDED	HEAD
DRAINS	2	3"	RFPT	-	.437"	WELD METAL	WELDED	SHELL
OUTLET	1	3"	RFWN	SA-106B	.437"	WELD METAL	WELDED	HEAD
LEVEL CONTROL	2	2"	RFWN	SA-106B	.343"	WELD METAL	WELDED	HEAD
WATER OUTLET								
RELIEF VALVE	19	2"	RFWN	SA-106B	.343"	WELD METAL	WELDED	SHELL
OIL USD/OIL								
OUT								
DRAW OFF/COIL								
IN OUT/WATER OUT/								
DESAND/SAND JETS								
DESAND HEADER/								
SPARE								
INTERFACE CONN.	3	1"	CPLG	SA-105	3000#	WELD METAL	WELDED	M3 BLIND
INTERFACE CONT.	3	1"	CPLG	SA-105	3000#	WELD METAL	WELDED	SHELL
THERMOTER/11		3/4"	CPLG	SA-105	3000#	WELD METAL	WELDED	SHELL
INST. CONN.								
SAMPLE CONN.	17	1/2"	CPLG	SA-105	3000#	WELD METAL	WELDED	SHELL
MAN WAY 1		30"	FAB	SA-516-70	.500"	SA516-70	WELDED	HEAD
MAN WAY 2		24"	FAB	SA-106B	.375"			
FIRE TUBE	1	22"X47"	FAB	SA-516-70	.500"	WELD METAL	WELDED	HEAD

Date JULY 20, 1984 Co. name VADA IND. STEEL-FLO DIV. Signed [Signature]
(Manufacturer) (Representative)

Date JULY 20, 1984 Signed [Signature] Commissions _____
(Authorized Inspector) (Not Board and endorsements, State, Prov. and No.)