



AFFIDAVIT OF MANUFACTURER

LABOUR
General Safety Services Division
Boilers Branch

COVERING BOILER OR PRESSURE VESSEL

PURCHASE ORDER No.

As Approved by the Boiler & Pressure Vessel Committee of the C.S.A.

DEC 29 1976

Upon shipment of Boiler or Pressure Vessel this form fully and correctly filled in and attested to must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act governing the construction and installation of boilers and pressure vessels, otherwise the use of same may be prohibited or the working pressure severely penalized.

1. Manufactured by C.F. NATCO LTD. 1100A - 58 AVE., S.E., CALGARY, ALBERTA
Manufactured for BOW VALLEY EXPLORATION 630 - 6 AVE., S.W., CALGARY, ALBERTA
Ultimate owner (Name and Address of Purchaser or Consignee)
Location of installation 7-3-31-9W4 (Name and Address)
(This address is essential)
2. Type of boiler or pressure vessel 3 PHASE VERTICAL CONTACTOR Mfg. Serial No. LS-1523
Provincial Registration No. C-3446.2 Drwg. No. LA-8100
To be used for: (Air, Co₂, Propane, Ammonia, Steam, Hot Water, etc.) O. W. G.
3. Dia. 20" O.D. Overall length 20'-0" S/S. Cu. ft. capacity 38 Heating surface sq. ft.
4. Were test reports checked on all plates used in the fabrication of this boiler or pressure vessel? YES
Does all material meet A.S.M.E. Code requirements? YES
A.S.M.E., A.S.T.M. or other material specification No. A-53B; A-516 Tensile strength 60000; 76000
5. Fabrication to A.S.M.E. Code, Para. No. 1974 Preheat NO OF Postheat NO X.R. PARTIAL
Are the following records on mfg's files? X-ray films YES Postweld heat procedure YES
Were X-ray films examined and found to meet Code requirements? YES
6. Welders employed upon boiler or pressure vessel.

Name of welders and Province or State in which qualified	Identifying Symbol	Date of last weld test	Qualified for welding under Code Para.	Name of Inspector supervising tests	National Board No.
ATTACHED LIST					

Does all welding on this vessel and the testing of coupons where required meet A.S.M. Code requirements? YES

7. Hydrostatic tests

NAME OF PART	Temperature of Testing Medium	Final test psi.	Maximum working pressure psi.	Maximum operating temperature degrees F.
VESSEL	AMBIENT	2100	1400	100

Did the hydrostatic tests fully conform to Code requirements? YES

8. Boiler rating, max. steaming capacity (rated B.T.U./hr. output for hotwater boilers)

9. SAFETY VALVES:

No. of valves	Maker's Name, Trade Mark or Type No.	Provincial Registration No.	Inlet Diameter	Seat Diameter	Set to relieve at psi.	Free discharge area	Capacity lbs. per hour

Does safety valve stamping, blow down adjustment, etc., meet A.S.M.E. requirements?

A/37252

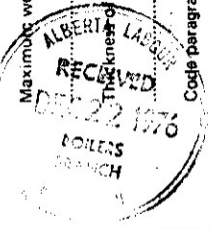
10.

Actual minimum stamping of the boiler or pressure vessel shall conform to the following, and shall be reproduced here: **BOILERS** (on attached plate for cast iron)

Canadian Registration number C.R.N.
 National Board number (if manufactured in U.S.A.) Nat. Bd.
 Manufacturer and manufacturer's serial number Sr. No.
 Plate mfg's initials, spec. No. and tensile strength (Stelco SA 285 etc.) T.S.
 Maximum working pressure p.s.i. Temp. of
 Effective heating surface and year built (1967 etc.) Sq. Ft. 19
 Initials of authorized shop inspector

PRESSURE VESSEL -

Canadian Registration number C.R.N. C-3446.2
 National Board number (if manufactured in U.S.A.) Nat. Bd.
 Manufacturer and manufacturer's serial number C.E. NATCO LTD. Sr. No. LS-1523
 Plate mfg's initials, spec. No. and tensile strength (Stelco SA 285 etc.) A-53B; A-515 T.S. 60000; 70000
 Maximum working pressure and temperature Max. W.P. 1400 p.s.i. Temp. 100 of
 Thickness of shell and heads T. Shell 1.031 T. Heads 0.937
 Code paragraph number and year built (1967 etc.) U.W. DIV-1 19 74
 Initials of Authorized Shop Inspector



11.

I HEREBY DECLARE that the foregoing statements, having reference to boiler or pressure Vessel bearing manufacturer's Serial No. **LS-1523**, built by **C.E. NATCO LTD.**, of **1100A - 58 AVE., S.E., CALGARY, ALBERTA**, and completed on the **13** day of **Dec** 19 **76**

are in all respects correct and true, and that the said boiler or pressure Vessel has been built in accordance with Provincial registered design No. **C-3446.2**

the Act governing the construction of boilers and pressure vessels.

Sworn before me at **CALGARY** Signed  Shop Foreman
 in the Province (or State) of **ALBERTA**
 this **13** day of **Dec** 19 **76** For **C.E. NATCO LTD. 1100A - 58 AVE., S.E., CALGARY, ALBERTA**
 My commission expires **FEBRUARY 20, 1977**
 Commissioner of Gas, J.P. or N.P.

12.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Inspector of Boilers and Pressure Vessels, employed by **GOVERNMENT** of **ALBERTA**
 do hereby certify that the foregoing statements are correct and that the material, construction and workmanship are in accordance with the A.S.M.E. Code.
 Date **Dec 13/76** Signed  Provincial or National Board Inspector. No.

A137252



DIV. 1
RT-2

CRN.

C-3446.2

C.E. NATCO LTD.
CALGARY, ALBERTA, CANADA

SERIAL NO. LS-1523

A-53B

MATERIAL A-516 T.S. 60000

MAX. PRESS. 1400 PSI. AT 100 °F.

SHELL TK. 1.031 HEAD TK. 0.937

C.A. NCS T.P. 2100 PSI

1974 ASME CODE U.W. 12

DATE 12-1976 S.O.# 8397

NATIONAL DEHYDRATION UNIT

MODEL 3. PHASE SIZE 20" x 20" x 20"

DESIGN NO. LA-8100 WKG. PRESS. 1400 PSI.

SERIAL NO. LS-1523 DATE BUILT 12-1976

C. E. NATCO LTD.

LS-539

ONLY CAN

SIZE

VESSEL

RT-2
GIV.1

DATE: 11/11/81

[illegible]