A127484

27/9/76

(A) 127484

Alberta

MANPOWER AND LABOUR
Boilers Branch

AFFIDAVIT OF M .NUFACTURER

COVERING BOILER OR PRESSURE VESSEL

PURCHASE ORDER No. .....

OCT 25 1976

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

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 Plains Manufacturing Ltd. 610 Moraine Road N.E. CALGARY, Alberta (Name and Address of Manufacturer)

   Manufactured for Colt Engineering Ltd. (Name and Address of Purchaser or Consignee)

   Ultimate owner Alberta Energy Co. Ltd. (Name and Address)

   Location of installation Station A-1 SUFFIELD, Alberta (This address is essential)

2. Type of boiler or pressure vessel Inlet Separator Mfg. Serial No. P 1286

   Provincial Registration No. C 5445 .2 Drwg. No. 407 - 420 - 02

   To be used for: (Air, CO_2, Propane, Ammonia, Steam, Hot Water, etc.) Gas, Water

3. Dia. 42" I.D. Overall length 14'6½" Cu. ft. capacity 107.2 Heating surface N/A sq. ft.

4. Were test reports checked on all plates used in the fabrication of this 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 516 GR 70 Tensile strength 70,000

5. Fabrication to A.S.M.E. Code, Para. No. UW12-1a-74 (year) Preheat 100 °F Postheat no (Yes or No) X.R. complete (Spot or Complete)

   Are the following records on mfg's files? X-ray films yes Postweld heat procedure

   Were X-ray films examined and found to meet Code requirements? yes

6. Welders employed upon 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.
A. Nephin	Alta.	NA	Aug. 1976		R. Davison	---
R. Davis	Alta.	DF	May 5, 1976		L.H. Daroux	W4048
J. Chung	Alta.	CF	Sept. 24/75		E. Wilberg	W3779
H. Baas	Alta.	BH	Dec. 19/76		E. Wilberg	W2557
A. Scot	Alta.	SM			E. Wilberg	W4165

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

7. Hydrostatic tests and Working Pressures.

NAME OF PART	Temperature of Testing Medium	Final test psi.	Maximum working pressure psi.	Maximum operating temperature degrees F.
Whole Vessel	60	990	635	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) N/A

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
Fitted in line							

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

A127484

10. Actual minimum stamping of the vessel shall conform to the following and shall be reproduced here: **FOR POWER & HEATING 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 _____ (for S and W if both) Max. W.P. _____ p.s.i. Temp. _____ °F.

Effective heating surface and year built (1967 etc.) _____ H.S. _____ Sq. Ft. 19 _____

Initials of authorized shop inspector _____ _____

UNFIRED PRESSURE VESSEL–

Canadian Registration number _____ C.R.N. C 5445.2

National Board number (if manufactured in U.S.A.) _____ Nat. Bd. _____

Manufacturer and manufacturer's serial number Plains Manufacturing Ltd. Sr. No. P 1286

Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.) A 516 GR 70 T.S. 70,000

Maximum working pressure and temperature _____ Max. W.P. 635 p.s.i. Temp. 100 °F.

Thickness of shell and heads _____ T.Shell .780 T. Heads .875

Code paragraph number and year built (1967 etc.) _____ U.W. 12-1a 19 76

Initials of Authorized Shop Inspector _____

11. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturer's Serial No. P 1286 built by Plains Manufacturing Ltd. of Calgary, Alberta and completed on the 23 day of September 19 76 are in all respects correct and true, and that the said Vessel has been built in accordance with Provincial registered design No. C 5445.2 and that it complies fully with the A.S.M.E. Code and regulations of the Province of installation under the Act governing the construction of boilers and pressure vessels.

Sworn before me at Calgary

in the Province (or State) of Alberta

this 5th day of October 19 76

_____
A Commissioner for Oaths, J.P. or N.P.

My commission expires January 1, 1978

Signed _____
Shop Foreman.

For Plains Manufacturing Ltd.

610 Moraine Road N.E., Calgary, Alberta
Firm Name and Address.

12.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Inspector of Boilers and Pressure Vessels employed by Boilers Branch of Province 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 October 21st 1976 Signed _____ No. _____
Provincial or National Board Inspector.

TO BE FILLED IN BY ALBERTA INSPECTOR

13. Received _____, 19 _____ _____ inspector's Pressure Vessel No. (A) _____

Checked _____, 19 _____ _____

I have allowed a working pressure of _____ p.s.i. at _____ °F. Shell side.

_____ p.s.i. at _____ °F. Tube side.

and have issued Certificate No. _____ _____ therefor.

Vessel owned by _____

Remarks: _____

ALBERTA LABOUR
RECEIVED
OCT 19 1976
BOILERS BRANCH
EDMONTON

_____
(Signature of Alberta Inspector.)