

LABOUR  
Inspectional Services Division  
Boilers Branch

PURCHASE ORDER No. ....

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

*(Handwritten Signature)*  
① 117629

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 TRENTHAM CANADA LTD., 6420 - 6A St S.E. Calgary, Alberta  
(Name and Address of Manufacturer)  
 Manufactured for BOW VALLEY EXPLORATION 630 - 6 Ave. S.W. Calgary, Alberta  
(Name and Address of Purchaser or Consignee)  
 Ultimate owner BOW VALLEY EXPLORATION 630 - 6 Ave S.W. Calgary, Alberta  
(Name and Address)  
 Location of installation GOUGH LAKE PLANT - Alberta (11-20-35-17-47)  
(This address is essential)

2. Type of boiler or pressure vessel THREE PHASE SEPARATOR Mfg. Serial No. TC-122-76  
 Provincial Registration No. C-4320 Drwg. No. CCL-631-1  
 To be used for: (Air, Co<sub>2</sub>, Propane, Ammonia, Steam, Hot Water, etc.) Sweet gas; glycol; condensate

3. Dia. 24" Overall length 9'11" Cu. ft. capacity 29 Heating surface N.A.

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. A106-B Tensile strength 60,000

5. Fabrication to A.S.M.E. Code, Para. No. UW12A-74 Preheat NO °F Postheat NO x.R. COMP. NO  
(year) (Yes or No) (Spot or Overlay)  
 Are the following records on rifg's files? X-ray films Yes Postweld heat procedure N.A.  
 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	Name of Board
<u>Reg Morley</u>	<u>1</u>	<u>Oct 18/74</u>	<u>SEC IX</u>	<u>E. Wilberg</u>	<u>W1977</u>
<u>B. Broens</u>	<u>3</u>	<u>Mar 1/76</u>	<u>SEC IX</u>	<u>H. Mann</u>	<u>W1677</u>

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

7. Hydrostatic tests

and Working Pressures.

NAME OF PART	Temperature of Testing Medium	Final test psi.	Maximum working pressure psi.	Maximum design temperature degrees
<u>Total Vessel</u>	<u>60° F</u>	<u>450</u>	<u>300</u>	<u>650</u>

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 hr.
<u>BY CUSTOMER IN PROCESS</u>							

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

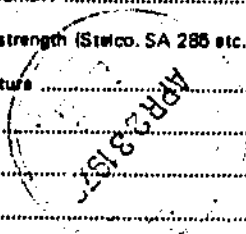
A1176 9

10. Actual minimum stamping of the boiler or pressure vessel shall conform to the following and shall be reproduced here BOILERS (or cast iron 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....

**PRESSURE VESSEL -**

Canadian Registration number ..... C.R.N. C-4320-2  
 National Board number (if manufactured in U.S.A.) ..... Nat. Bd. ....  
 Manufacturer and manufacturer's serial number ..... Sr. No. TC-122-76  
 Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.) ..... A106-B T.S. 60,000  
 Maximum working pressure and temperature ..... Max. W.P. 300 p.s.i. Temp. 650  
 Thickness of shell and heads ..... T.Shell BOOT .500" SHELL .375" T.Heads BOOT 0.1" SHELL .175" nom.  
 Code paragraph number and year built (1967 etc.) ..... U.W. 12 A 1974  
 Initials of Authorized Shop Inspector ..... Reg Morley



11. I HEREBY DECLARE that the foregoing statements, having reference to boiler or pressure Vessel bearing manufacturer's S. No. TC-122-76 built by TRENTHAM CANADA LTD., of Calgary, Alberta and completed on the 8th day of April 1976 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. 4320.2 and that it complies fully with the A.S.M.E. Code and regulations of the Province of Installation the Act governing the construction of boilers and pressure vessels.

Sworn before me at CALGARY in the Province (or State) of ALBERTA this 8 day of APRIL 19 76 My commission expires Apr 23/77  
 Signed Reg Morley Shop Foreman  
 For TRENTHAM CANADA LTD., 6420 - 6A St. S.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 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 April 8/76 Signed [Signature] Provincial or National Board Inspector. No. ....