



BOILERS BRANCH

**AFFIDAVIT OF MANUFACTURER**

**Covering Boiler or Pressure Vessel**

87354

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.

- Manufactured by James United Steel Limited 141-71 Ave. S.E. Calgary, Alberta  
(Name and Address of Manufacturer)  
Manufactured for Canadian Industrial Oil & Gas  
(Name and Address of Purchaser or Consignee)  
Ultimate owner \_\_\_\_\_  
(Name and Address)  
Location of installation Edmonton, Alberta  
(This address is essential)
- Type of boiler or pressure vessel Butane Rindown Tank Mfg. Serial No. JD823  
Provincial Registration No. A8954.2134 Drwg. No. \_\_\_\_\_  
To be used for (Air, CO<sub>2</sub>, Propane, Ammonia, Steam, Hot Water, etc.) Butane
- Dia. 10 1/2" Overall length 55 1/2" Cu. ft. capacity 4.679 Heating surface \_\_\_\_\_ sq. ft.
- 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. A515-70 FBX Tensile strength 70,000
- Fabrication A.S.M.E. Code, Para. No. 1965 Preheat \_\_\_\_\_ "F Post Heat \_\_\_\_\_ N.R. SPOT  
(See or No) (Spot or Complete)  
Are the following records on mfg's files? X-ray films No Postweld heat procedure \_\_\_\_\_  
Were X-ray films examined and found to meet Code requirements? Yes
- Welders employed upon vessel.

Name of welder 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.
<u>G. MILLAR</u>	<u>A</u>	<u>APR 68</u>	<u>SEC 9</u>	<u>J. PAVEY</u>	
<u>W. GRUSZECKI</u>	<u>O</u>	<u>May 67</u>	<u>SEC 9</u>	<u>J. PAVEY</u>	
<u>H. Deiner</u>	<u>B</u>	<u>Oct 67</u>	<u>SEC 9</u>	<u>J. PAVEY</u>	

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.
<u>Entire Vessel</u>		<u>236</u>	<u>150</u>	<u>150</u>

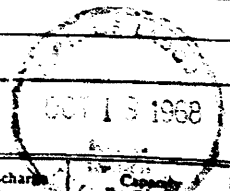
Did the hydrostatic tests fully conform to Code requirements? Yes

8. Boiler rating (max-steam 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 per hour
<b>NOT SUPPLIED</b>							

Does safety valve stamping, blow-down adjustment, etc. meet A.S.M.E. requirements? Not Supplied



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 \_\_\_\_\_  
 National Board number (if manufactured in U.S.A.) \_\_\_\_\_  
 Manufacturer and manufacturer's serial number \_\_\_\_\_  
 Plate mfg's initials, spec. No. and tensile strength (Steel SA 285 etc.) \_\_\_\_\_  
 Maximum working pressure \_\_\_\_\_ (for S and W if both)  
 Effective heating surface and year built (1967 etc.) \_\_\_\_\_  
 Initials of authorized shop inspector \_\_\_\_\_

C.R.N. \_\_\_\_\_  
 Nat. Bd. \_\_\_\_\_  
 No. \_\_\_\_\_  
 T.S. \_\_\_\_\_  
 Max. W.P. \_\_\_\_\_ Post. Temp. \_\_\_\_\_ °F.  
 H.S. \_\_\_\_\_ St. F. \_\_\_\_\_ 19 \_\_\_\_\_

**UNFIRED PRESSURE VESSEL**

Canadian Registration number \_\_\_\_\_  
 National Board number (if manufactured in U.S.A.) \_\_\_\_\_  
 Manufacturer and manufacturer's serial number James United Steel Limited  
 Plate mfg's initials, spec. No. and tensile strength (Steel SA 285 etc.) \_\_\_\_\_  
 Maximum working pressure and temperature \_\_\_\_\_  
 Thickness of shell and heads \_\_\_\_\_  
 Code paragraph number and year built (1967 etc.) \_\_\_\_\_  
 Initials of Authorized Shop Inspector \_\_\_\_\_

C.R.N. A8954,2134  
 Nat. Bd. \_\_\_\_\_  
 Sr. No. JJ823  
A515-70 FBK T.S. 70,000  
 Max. W.P. 150 Post. Temp. 150 °F.  
 T. Sh. 11/16" T. Heads 5/16"  
 U.W. 12 18 19 68

11. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturers' Serial No. JJ823 built by James United Steel Limited of 141-71 Ave. S.E. Calgary and completed on the 28 day of September 19 68 are in all respects correct and true, and that the said Vessel has been built in accordance with Provincial registered design No. A8954,2134 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 28th day of September 19 68  
 A Commissioner of Oaths, P. or N.P.  
 My commission expires Dec 31, 1968

Signed [Signature] Shop Foreman.  
 For James United Steel Limited  
141-71 Ave. 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 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 September 28, 1968 Signed [Signature] No. \_\_\_\_\_  
 Provincial or National Board Inspector.

**TO BE FILLED IN BY ALBERTA INSPECTOR**

13. Received \_\_\_\_\_ 19 \_\_\_\_\_ Inspector's Pressure Vessel No. (A) 89332  
 Checked [Signature] 19 68  
 I have allowed a working pressure of 150 p.s.i. at \_\_\_\_\_ °F. Shell side.  
 \_\_\_\_\_ p.s.i. at \_\_\_\_\_ °F. Tube side.  
 and have issued Certificate No. 50046 therefor.  
 Vessel owned by Canadian Industrial Services, 640 - 8 Ave. S.W. Calgary  
 Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

[Signature]