



AFFIDAVIT OF MANUFACTURER

Covering Boiler or Pressure Vessel

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 Barber Machinery Ltd. - Calgary, Alberta.
(Name and Address of Manufacturer)
Manufactured for Canadian Western Natural Gas Company Ltd.
(Name and Address of Purchaser or Consignee)
Ultimate owner Canadian Western Natural Gas Company Ltd.
(Name and Address)
Location of installation Brooks' Gas Plant, Brooks, Alberta.
(This address is essential)
- Type of boiler or pressure vessel Gas Purifier Mfg. Serial No. 1012-D-2.
Provincial Registration No. 4317.2 Drwg. No. B-1012-D
To be used for: (Air, CO₂, Propan., Ammonia, Steam, Hot Water, etc.) Natural Gas
- Dia 7" - 0" I.D. Overall length 20' - 4" Cu. ft. capacity 530 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. A-285-C Tensile strength 55,000 (Min)
- If welded or brazed, what paragraph of Code: (P101 to P114 or U68, U69 or U70; U-200 or U-201; etc?) U
Was vessel stress relieved? No Was vessel X-rayed? No
Are the following records on mfg's files? X-ray films No Stress relieving procedure No
Spot Examinations
Were ~~examined~~ and found to meet Code requirements? OK U - 52e.
- 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.
<u>C. Schott</u>	<u>203</u>	<u>Jan. 4/51</u>	<u>U-69</u>	<u>H.N. Lukes.</u>	
<u>W. Wusyk</u>	<u>W-8</u>	<u>" " "</u>	<u>U-69</u>	<u>H.N. Lukes.</u>	

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

- Hydrostatic tests and Working Pressures.

NAME OF PART	Hammer tested at psi.	Final test psi.	Maximum working pressure psi	Maximum operating temperature degrees F.
<u>Entire Vessel</u>	<u>292</u>	<u>388</u>	<u>194.</u>	<u>200</u>

Did the hydrostatic tests fully conform to Code requirements? Yes

- 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
	<u>Not Supplied.</u>						

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

9. 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 Interprovincial Registration number _____
National Board number (if manufactured in U.S.A.) _____
Manufacturer and manufacturers' serial number _____
Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.) _____
Maximum working pressure _____ (for S and W if both)
Heating surface and year built (1949 etc.) _____
Initials of authorized provincial shop inspector _____

C.I.S. _____
Nat. Bd. _____
Sr. No. _____
T.S. _____
Max. W.P. _____ Lbs.
H.S. _____ Ft.

UNFIRED PRESSURE VESSEL—

Canadian Interprovincial Registration number _____
National Board number (if manufactured in U.S.A.) _____
Manufacturer and manufacturers' serial number Barber Machinery Ltd.
Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.) _____
Maximum working pressure and temperature _____
Thickness of shell and heads _____
Code paragraph number and year built (1949 etc.) _____

C.I.S. 4317.2
Nat. Bd. _____
Sr. No. 1012-D-2
T.S. 55,000
Max. W.P. 194 Temp. 200
T. Shell 3/4 T. Heads 5/8
U. W 1953

10. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturers' Serial No. 1012-D-2, built by Barber Machinery Ltd. of Calgary, Alberta. and completed on the 5th day of August 19 53, are in all respects correct and true, and that the said Vessel has been built in accordance with Provincial registered design No. 4317.2 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 5 day of August 19 53.
- J. E. Easton
A Commissioner of Oaths, J.P. or N.P.
- My commission expires December 31, 1954.
- Signed E. Tutty Shop Foreman.
For Barber Machinery
Calgary, Alberta.
Firm Name and Address.

11.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Inspector of Boilers and Pressure Vessels employed by Dept. of Labour Boiler Inspection Dept. of Alberta Government. 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 August, 1953.

Signed J. E. Easton Provincial or National Board Inspector.

TO BE FILLED IN BY ALBERTA INSPECTOR

12 Received August 5, 19 53.

Inspector's Pressure Vessel No. (A) 17726

Checked August 10, 19 53.

I have allowed a working pressure of 194 lbs. per square inch, based on a F.S. of 4 and have issued Certificate No. 36482 B therefor.

Vessel owned by Barber Machinery Ltd. of Calgary, Alberta.

Remarks: For Sale to Canadian Western Natural Gas Company Ltd.

J. E. Easton
(Signature of Alberta Inspector.)