



PROVINCE OF MANITOBA

Canada



PROVINCE OF MANITOBA

AFFIDAVIT OF MANUFACTURER

24, 163 GA-100

RECEIVED JUN 12 1968
Covering Boiler or Pressure Vessel

(HK with drain valve)

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 The Toronto Iron Works, Limited, 629 Eastern Avenue, Toronto 8, Ontario
(Name and Address of Manufacturer)
Manufactured for Dryden Chemicals Limited, P.O. Box 1487, Quebec 2, P.Q.
(Name and Address of Purchaser or Consignee)
Ultimate owner Dryden Chemicals Limited, Brandon, Manitoba.
(Name and Address)
Location of installation Dryden Chemicals Limited, Brandon, Manitoba.
(This address is essential)
2. Type of boiler or pressure vessel Horizontal Storage Tank Mig. Serial No. 5612 (HK F Z)
Provincial Registration No. A.944.4 Drwg. No. A.24434-400-1
To be used for: (Air, CO₂, Propane, Ammonia, Steam, Hot Water, etc.) Liquid Chlorine
3. Dia. 10'-1" Overall length 45'-10 1/2" Cu. ft. capacity 3879.25 Heating surface - 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.516-70, F.R.Q. Tensile strength 70,000
5. If welded or brazed, what paragraph of Code: (P101 to P114 or U68, U69 or U70; U-200 or U-201; etc.) UM 12 (a)
and Chlorine Institute Inc. Spec. 3rd Ed. January 1962.
Was vessel stress relieved? Yes Was vessel X-rayed? Yes - 100%
Are the following records on mfg's files? X-ray films Yes Stress relieving procedure UM 40
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	Name of Inspector supervising tests	National Board No.
See attached sheet			XXM Sec. IX		

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

NAME OF PART	Hammer tested at psi.	Final test psi.	Maximum working pressure psi.	Maximum operating temperature degrees F.
Horizontal Storage Tank	-	338	225 and Full	100°F

7. Hydrostatic tests and Working Pressures.

Did the hydrostatic tests fully conform to Code requirements? Yes

8. SAFETY VALVES

No. of valves	Maker's Name, Trade Mark or Type No.	Provincial Registration No.	Joint 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? By Customer.

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..... C.I.S.....
National Board number (if manufactured in U.S.A.)..... Nat. Bd.....
Manufacturer and manufacturers' serial number..... Sr. No.....
Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.)..... T.S.....
Maximum working pressure..... Lbs.....
Heating surface and year built (1949 etc.)..... (for S and W if both)
Initials of authorized provincial shop inspector..... Ft.....

UNFIRED PRESSURE VESSEL

Canadian Interprovincial Registration number..... C.I.S.....
National Board number (if manufactured in U.S.A.)..... Nat. Bd.....
Manufacturer and manufacturers' serial number..... The Toronto Iron Works, Limited..... Sr. No. 5612
Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.)..... Stelco. A. 515.70, F.B.Q. T.S. 70,00
Maximum working pressure and temperature..... Max. W.P. 225 & Full Vapour 100°F
Thickness of shell and heads..... T. Shell 9375" T. Heads 5625"
Code paragraph number and year built (1949 etc.)..... U.M. 12 (a) 1968
1965, Sect. 8 and Chlorine Institute Inc. Spec. 5, 2nd Ed. January 1962.
Ontario Record No. 5.135.619

10. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturers' Serial No. 5612 built by The Toronto Iron Works, Limited of 629 Eastern Avenue, Toronto 8, Ontario and completed on the 13 day of May 1968, are in all respects correct and true, and that the said Vessel has been built in accordance with Provincial registered design No. A. 944.4 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. (H.G. Hahn)

Sworn before me at Toronto

in the Province (Ontario) of Ontario

this 22nd day of May 1968.

Ernest R. Jones

A Commissioner of Oaths, Jefferson B. Toner, a Commissioner of Oaths, York County, for The Toronto Iron Works, Limited - associated & subsidiary Companies.

11.

Expiry April 25, 1971

Signed *H. G. Hahn* Supervisor, Quality Control

For The Toronto Iron Works, Limited,

629 Eastern Avenue, Toronto 8, Ontario.

Firm Name and Address.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Inspector of Boilers and Pressure Vessels employed by

of

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.....

Signed.....

Provincial or National Board Inspector.

No.....