

MANPOWER AND LABOUR
Boilers Branch

AFFIDAVIT OF MANUFACTURER

COVERING BOILER OR PRESSURE VESSEL

PURCHASE ORDER No. E39426-
K1716

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 C. K. Steel & Machinery Ltd., 4619 - 6 A Street N.E., Calgary
(Name and Address of Manufacturer)
Manufactured for CESSCO Ltd., P.O. Box 2423, Edmonton, Alberta
(Name and Address of Purchaser or Consignee)
Ultimate owner CESSCO Ltd.
(Name and Address)
Location of installation _____
(This address is essential)
- Type of boiler or pressure vessel Air Finn Cooler Mfg. Serial No. 8487
Provincial Registration No. C 1944.2 Drwg. No. 8487-2
To be used for: (Air, CO₂, Propane, Ammonia, Steam, Hot Water, etc.) Regeneration Gas
- Dia. 7 1/2" x 4" x 6' 8" Overall length 8' 9 3/4" Cu. ft. capacity _____ Heating surface 403.5 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. SA-516-70 Tensile strength 70,000
- Fabrication to A.S.M.E. Code, Para. No. UW-12-C-75 Preheat 200 ° F Postheat No X.R. None
(year) (Yes or No) (Spot or Complete)
Are the following records on mfg's files? X-ray films N/A Postweld heat procedure N/A
Were X-ray films examined and found to meet Code requirements? N/A

- Welders employed upon vessel.

Tube Mat: SA214-1" O.D. - 16 BWG - 8' Lgth. No. 138, Type. Str.

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.
Zoltan Bek	ZBW1960	June 20/74		H. Mann	
S. Muzic	S.M.	Feb. 18/74		H. Mann	
S. Schlaugat	S.S.	Prov.		H. Mann	

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	Temperature of Testing Medium	Final test psi.	Maximum working pressure psi.	Maximum operating temperature degrees F.
Headers & Tubes	60°	1650	1100	590°

Did the hydrostatic tests fully conform to Code requirements? Yes

- Boiler rating, max-steam capacity (rated B.T.U./hr. output for hotwater boilers) N/A

- SAFETY VALVES: By Others.

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

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. C1944.2
National Board number (if manufactured in U.S.A.) _____ Nat. Bd. _____
Manufacturer and manufacturer's serial number C. K. Steel & Machinery Ltd. Sr. No. 8487
Plate mfg's initials, spec. No. and tensile strength (Stelco. SA 285 etc.) SA-516-70 T.S. 70,000
Maximum working pressure and temperature _____ Max. W.P. 1100 p.s.i. Temp. 590 °F.
Thickness of shell and heads _____ T.Shell _____ T. Heads 7/8-7/8-3/4
Code paragraph number and year built (1967 etc.) _____ U.W. -12-c 19 75
Initials of Authorized Shop Inspector _____



11. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturer's Serial No. 8487
built by C. K. Steel & Machinery Ltd. of Calgary
and completed on the 13 day of March 19 75 are in all respects correct and true, and
that the said Vessel has been built in accordance with Provincial registered design No. C1944.2
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 13 day of March 19 75
[Signature]
A Commissioner for Oaths, J.P. or N.P.
My commission expires Feb 1976

Signed [Signature]
Shop Foreman.
For C. K. Steel & Machinery Ltd.
4619 - 6A Street 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
Government of Alberta
do hereby certify that the foregoing statements are correct and that the material, construction and work-
manship are in accordance with the A.S.M.E. Code.
Date March 13/75 Signed [Signature] 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: _____