

# The British Corporation Register of Shipping and Aircraft

Port of Toronto, Ontario.

HEAD OFFICE  
14 BLYTHSWOOD SQUARE  
GLASGOW, SCOTLAND

September 20th, 1944

The Undersigned surveyor to this Corporation, did at the request of the British Admiralty Technical Mission, attend the works of Messrs. Foster Wheeler Limited, St. Catharines, Ontario, to survey during construction and hydraulic test the All-Welded Three Drum Admiralty Type Water Tube Boiler, designated Works No. C.M.B. 307, and intended to be installed under the survey of Lloyd's Register of Shipping, in Davie Shipbuilding & Repairing Co. Limited, Ship No. 562.

The material has been tested by the surveyors to Lloyd's Register; the boiler scantlings are in accordance with the approved plan for a working pressure of 225 lbs. per sq. in., and the workmanship is satisfactory.

The parts of the contract which have been supplied to the shipbuilders- viz. boilers, uptake, furnace fronts and mountings - were found to be satisfactory and in accordance with the approved machinery specification.

The mountings were examined, found to be of good workmanship, and free from visible defect, they were satisfactorily tested by hydraulic pressure in accordance with the rule requirements and each mounting was stamped for identification with the test pressure, date and surveyor's initials.

The identification and hydraulic test mark on the boiler is as follows:-

All Drums Stamped  
No. 617  
Lloyd's Test  
388 lbs.  
W.P. 225 lbs.  
22-11-43

Final Stamping  
B.C. Test  
No. C. 201  
T.P. 388 lbs.  
W.P. 225 lbs.  
L.D.M. - L.M.M.  
8-7-44

*Int'l. Rpt.  
6541*



*L. M. Matheson*  
Surveyor

Lloyd's Register  
Foundation

002592-002601-0166 1/2

BOILERS -- PARTICULARS

83 562

Makers **Poster Wheeler Limited, St. Catharines, Ontario.**

No. of Boilers **One**

Works Nos. **C.M.B. 307, R.N. Transport Ferry**

Type **Admiralty, three drum, all-welded, water tube.**

Approved W.P. **225 pounds per square inch**

Test Pressure **388 pounds per square inch**

Heating Surface each **6256 square feet**

Grate " "

Greatest Internal Diameter **Steam drum 50" Water Drum 23"**

Length **Steam Drum 13'-3-3/8" over heads Water drum 12'-0-1/16" . Centre of weld to centre of weld 10'-10 3/4"**

Shell Thickness **Steam Drum 5/8" and 1 1/2" Water Drum 9/16" and 1 1/8"**

Makers of Plates **See attached Lloyd's Certificates**

" " Drums " " " "

" " Dished Ends " " " "

" " Headers

" " Stay Bars

" " Rivet Bars

" " Rivets

" " Furnace Plates

" " Furnaces

" " Tubes **Page Hersey Tubes Limited, Welland, Ontario.**

" " Superheater Tubes

Date of Hydraulic Tests **July 8th, 1944**

Stamp Marks and position of Marks on Boilers

State if final test taken at Shipyard or Boiler Works

All Drums Stamped

No. 617  
Lloyd's Test  
388 lbs.  
W.P. 225 lbs.  
22-11-43

Final Stamping

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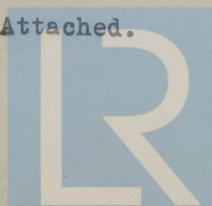
Boiler construction

Riveting - type of riveting on different seams. Hydraulic closing pressure

None

Welding - particulars electrodes, procedure, tests, heat treatment, seams

See Lloyd's Certificate Attached.



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Boiler intended for: **Davies Shipbuilding & Repairing Co. Limited, Lauzon, Quebec.**

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