

REPORT ON BOILERS

No. 29019
WED. 27 AUG. 1919

State of writing Report 18th July 1919 When handed in at Local Office 25. 8. 1919 Port of Glasgow
 No. in Survey held at Renfrew Date, First Survey 26-5-19 Last Survey 14-7-1919
 Reg. Book. (Number of Visits 2) } Gross
 on the } Tons
 } Net
 faster Built at By whom built When built
 Engines made at By whom made When made
 Boilers made at Renfrew By whom made Messrs. Babcock & Wilcox (4/8) When made 1919
 Registered Horse Power Owners Port belonging to

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Stewart & Lloyd
 Letter for record S) Total Heating Surface of Boilers 8289 Is forced draft fitted Yes No. and Description of
 Boilers Three Babcock & Wilcox Working Pressure 200 Tested by hydraulic pressure to 400 lbs. per sq. in. Date of test 28/3/19
 No. of Certificate Can each boiler be worked separately Area of fire grate in each boiler 84.5 sq. ft. No. and Description of
 safety valves to each boiler Area of each valve Pressure to which they are adjusted
 Are they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
 Smallest distance between boilers or uptakes and bunkers or woodwork Int. Steam drum 14'-0" Length 13'-3 1/2"
 Material of shell plates Steel Thickness 1 1/32" Range of tensile strength 28/32 Are the shell plates welded or flanged No
 Descrip. of riveting: cir. seams D.R. Lap long. seams J.R. S.B.S. Diameter of rivet holes in long. seams 2 1/32" Pitch of rivets 3 3/4"
 Gap of plates or width of butt straps 4" Per centages of strength of longitudinal joint rivets 44.5 Working pressure of shell by
 Rules 210 Size of manhole in shell 11" x 15" Size of compensating ring 22" x 28 1/4" x 7/8" No. and Description of Furnaces in each
 boiler None Material Outside diameter Length of plain part top Thickness of plates crown
 bottom Thickness of plates bottom
 Description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber
 plates: Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: Sides Back
 Top If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Diameter at
 standard, smallest part Area supported by each stay Working pressure by rules End plates in steam space: Material Steel Thickness 1 1/16"
 Pitch of stays None How are stays secured Working pressure by rules Material of stays Diameter at smallest part
 Area supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of
 lower back plate Steel Thickness 1 1/32" Greatest pitch of stays Working pressure of plate by rules Diameter of tubes 1 1/16" x 15"
 declare Pitch of tubes 2 3/8" x 2 3/4" Material of tube plates Steel Thickness: Front 1" Back 1" Mean pitch of stays 4" Pitch across wide
 water spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of
 girder at centre Length as per rule Distance apart Number and pitch of Stays in each
 Working pressure by rules Superheater or Steam chest: None Can the superheater be shut off and the boiler worked
 separately Diameter Length Thickness of shell plates 3 1/4" Material Steel Description of longitudinal joint held Diam. of rivet
 holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness
 of stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed
 Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

Survey request form
 No. 2238 attached
 Dates of Survey } During progress of } 1919. May 26. July 14.
 while } work in shops }
 building } During erection on }
 board vessel }
 Is the approved plan of boiler forwarded herewith No
 Total No. of visits 2

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The workmanship & materials are of
good quality. The workmanship has been carried out under Special Survey in accordance with
the approved drawing & the Rules of the Society. The mud drums & headers have been tested as above
the ends dished & shell plates rolled but not drilled. The boilers are intended for Australian
Commonwealth Standard Vessels & the sections have been despatched to Sydney where the
boilers will be completed
 Survey Fee ... £ 8 : 8 : } When applied for, 26/8/1919
 Travelling Expenses (if any) £ : : } When received, 1919

Committee's Minute GLASGOW 26 AUG 1919
 Assigned TRANSMIT TO LONDON
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 TUE. 19 JUL. 1921
 W460-0209

REPORT ON BOLTERS

8th July 1940
Glasgow
25th July 1940

James Watson & Co. Ltd.
Glasgow

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James Watson & Co. Ltd.
Glasgow

1st July 1940
25th July 1940

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24 JUL 1940

