

REPORT ON BOILERS.

No. 55802.

Received at London Office THUR. 3 DEC 1908

Date of writing Report 16-11-1908 When handed in at Local Office - 2 DEC 1908 Port of Newcastle on Tyne
 No. in Survey held at Newcastle Date, First Survey Sep. 15. 1908. Last Survey 1 Dec. 1908
 Reg. Book. 23 on the "Stue Se Il. Esperanto" (Number of Visits) (S/S No 444) Tons Gross Net
 Built at Selby By whom built Cochrane & Son When built 1908
 at Great Tarmouth By whom made Crabtree & Co L^d when made 1908
 at Newcastle By whom made R^d Stephenson & Co L^d when made 1908
 Horse Power 42 Owners F H Beckwith. Port belonging to London.

TUBULAR BOILERS—MAIN, ~~AUXILIARY OR DONKEY~~—Manufacturers of Steel & Spencer & Son.

Record S Total Heating Surface of Boilers 800 sq ft Is forced draft fitted No No. and Description of
 Cyl. Mult. S Ind Working Pressure 130 Tested by hydraulic pressure to 260 Date of test 6-11-08
 indicate 7784 Can each boiler be worked separately Area of fire grate in each boiler 33 No. and Description of
 to each boiler Area of each valve Pressure to which they are adjusted
 d with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
 ance between boilers or uptakes and bunkers or woodwork Outside dia. of boilers 10-6 Length 9-3
 shell plates S Thickness $3/4$ Range of tensile strength 28-32 Are the shell plates welded or flanged No
 riveting: cir. seams d lap long. seams d strap Diameter of rivet holes in long. seams 1 Pitch of rivets $4\frac{1}{8}$
 width of butt straps 10 Per centages of strength of longitudinal joint rivets 75-2 Working pressure of shell by
 53 Size of manhole in shell 16x12 Size of compensating ring McNeil Ring 42 No. and Description of Furnaces in each
 plain Material S Outside diameter 39 Length of plain part top 67 Thickness of plates crown 19/32
 of longitudinal joint Weld No. of strengthening rings Working pressure of furnace by the rules 182 Combustion chamber
 rial S Thickness: Sides 9/16 Back 9/16 Top 9/16 Bottom 3/4 Pitch of stays to ditto: Sides 9x9 Back 9x8
 If stays are fitted with nuts or riveted heads Nut Working pressure by rules 135 Material of stays S Diameter at
 145 Area supported by each stay 81 Working pressure by rules 143 End plates in steam space: Material S Thickness 13/16
 s 14 1/2 x 14 1/4 How are stays secured d h & w Working pressure by rules 151 Material of stays S Diameter at smallest part 2-87
 ed by each stay 206-6 Working pressure by rules 144 Material of Front plates at bottom S Thickness 13/16 Material of
 plate S Thickness 13/16 Greatest pitch of stays as per plan Working pressure of plate by rules 130 Diameter of tubes 3 1/2
 s 5 x 4 3/4 Material of tube plates S Thickness: Front 13/16 Back 11/16 Mean pitch of stays 10 15/16 Pitch across wide
 14 Working pressures by rules 137 Girders to Chamber tops: Material S Depth and thickness of
 tre 7 1/2 x 13/8 Length as per rule 27 Distance apart 9 Number and pitch of Stays in each 2-9
 ssure by rules 174 Superheater or Steam chest: how connected to boiler Can the superheater be shut off and the boiler worked
 Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet
 Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness
 with rings Distance between rings Working pressure by rules End plates: Thickness How stayed
 ssure of end plates Area of safety valves to superheater Are they fitted with easing gear

FOR ROBERT STEPHENSON & CO. LD.
 The foregoing is a correct description,
 J. Cameron SECRETARY Manufacturer.

During progress of 1908 Sep. 15. 21. 24. 29. Oct. 5. 9. 14. 20. 27. 30. Nov. 3. 6. Dec. 1 Is the approved plan of boiler forwarded herewith 7c
 work in shops - - - Total No. of visits 13
 During erection on board vessel - - -

AL REMARKS (State quality of workmanship, opinions as to class, &c.) The material & Workmanship in good
 ilder has been built under special Survey. & will shortly be
 ed to Great Tarmouth to be fitted in the vessel.

Fee ... £ 2 : 13-6 When applied for, - 2 DEC 1908
 Travelling Expenses (if any) £ : : When received, 16.11.109

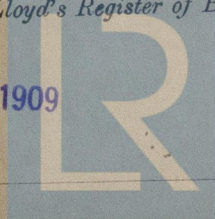
John H. Heck.
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUES 29 DEC 1908

FRI. 12 FEB 1909

Assigned



Lloyd's Register
 Foundation

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