

REPORT ON BOILERS.

No. 36605

Received at London Office JAN. 10. 1917

Date of writing Report 1917 When handed in at Local Office 1917 Port of Glasgow
 No. in Survey held at Glasgow Date, First Survey 23/5/16 Last Survey 29/12/1916
 Reg. Book. on the Marine Boiler designated No 1613 Ship "William Poutson" (Number of Visits 25) Tons Gross Net
 Master Built at Lish By whom built J. Linn & Co. When built 1917
 Engines made at Lish By whom made J. Linn & Co. When made 1917
 Boilers made at Glasgow By whom made Lindsay Burnet & Co. When made 1916.
 Registered Horse Power Owners Port belonging to

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.

Manufacturers of Steel Glasgow 186 David Colville & Sons
 (Letter for record S) Total Heating Surface of Boilers 1850 sq. ft. Is forced draft fitted
 Boilers One Single Ended. Working Pressure 130 lbs. Tested by hydraulic pressure to 260 lbs. Date of test 29/12/16
 No. of Certificate 13652 Can each boiler be worked separately No Area of fire grate in each boiler 665 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 Mean dia. of boilers 15'-9" Length 10'-6"
 Material of shell plates Steel Thickness 1 1/2" Range of tensile strength 28/32 Are the shell plates welded or flanged No
 Descrip. of riveting: cir. seams Double Lap long. seams Butt dip Riv Diameter of rivet holes in long. seams 1 1/8" Pitch of rivets 7 1/4"
 Lap of plates or width of butt straps 16 1/2" Per centages of strength of longitudinal joint rivets 92 Working pressure of shell by
 rules 143 lbs. Size of manhole in shell 16" x 12" Size of compensating ring Haugat Saddle No. and Description of Furnaces in each
 boiler Three corrugated Material Steel Outside diameter 52 1/4" Length of plain part top Thickness of plates crown 7 1/2"
 Description of longitudinal joint Keel No. of strengthening rings Working pressure of furnace by the rules 155 lbs. Combustion chamber
 plates: Material Steel Thickness: Sides 9/16" Back 9/16" Top 9/16" Bottom 7/8" Pitch of stays to ditto: Sides 9 x 8 1/2" Back 9 x 8 1/2"
 Top Inders If stays are fitted with nuts or riveted heads Luts Working pressure by rules 139 lbs. Material of stays Steel Diameter at
 smallest part 1 1/2" Area supported by each stay 7 1/4 sq. ft. Working pressure by rules 147 lbs. End-plates in steam space: Material Steel Thickness 1 1/2"
 Pitch of stays 19 x 22 How are stays secured On Washers Working pressure by rules 134 lbs. Material of stays Steel Diameter at smallest part 1 1/2"
 Area supported by each stay 4 1/8 sq. ft. Working pressure by rules 145 lbs. Material of Front plates at bottom Steel Thickness 7/8" Material of
 Lower back plate Steel Thickness 7/8" Greatest pitch of stays as per plan Working pressure of plate by rules 130 lbs. Diameter of tubes 3 1/2"
 Pitch of tubes 4 7/8 x 4 7/8 Material of tube plates Steel Thickness: Front 7/8" 1 1/2" Back 3/4" Mean pitch of stays 12 1/2" Pitch across wide
 water spaces 14 1/2" Working pressures by rules 130 lbs. Girders to Chamber tops: Material Steel Depth and thickness of
 girder at centre 9" x 1 1/4" Length as per rule 33 1/4" Distance apart 9 1/2" Number and pitch of Stays in each Set 8"
 Working pressure by rules 135 lbs. Superheater or Steam chest: how connected to boiler Can the superheater be shut off and the boiler worked
 separately Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet
 holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness
 If 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 1853 attached

The foregoing is a correct description,
Lindsay Burnet & Co. Manufacturer.

Dates of Survey During progress of work in shops - 1916 Aug. 23, June 29, July 12, 14, 24, Aug. 1, 11, 14, Sept. 4, 13, 20, 28
 while building During erection on board vessel - Oct. 3, 12, 19, 23, Nov. 1, 4, 13, 21, 24, 28, Dec. 1, 11, 18, 29
 Is the approved plan of boiler forwarded herewith Yes.
 Total No. of visits 25

GENERAL REMARKS

(State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey in accordance with the approved plan. The workmanship and material is of good quality, and the boiler in my opinion is suitable for the working pressure of 130 lbs per sq. in. The boiler is intended for vessel No 109 building by Messrs John Brown & Co. Ltd. Leith.

Survey Fee ... £ 6 : 3 : When applied for, 6/12/1 1917
 Travelling Expenses (if any) £ : : When received, 9/1/1 1917

Committee's Minute GLASGOW 9 - JAN. 1917
 Assigned TRANSMIT TO LONDON.

WED. 11 APR. 1917

Engineer Surveyor to Lloyd's Register of Shipping.