

REPORT ON BOILERS.

No. 78263.

17 OCT 1918 17 OCT 1918
 Survey held at Birkenhead. Date, First Survey Aug 26th 1918 Last Survey Oct. 11th 1918
 on the S.S. Moorgate (Number of Visits) Gross 4260 Net 2704
 Built at Sunderland By whom built J. C. Thompson & Sons Ltd. When built 1909.
 made at Sunderland. By whom made J. Dickerson & Sons Ltd. when made 1909.
 made at Glasgow. By whom made Dunsmuir & Jackson Ltd. when made 1918.
 ed Horse Power _____ Owners _____ Port belonging to _____

TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY. Glasgow Rpt. No 38016.
 for record 3 Total Heating Surface of Boilers 5210 sq ft Is forced draft fitted no. No. and Description of
2 S. Ended. Working Pressure 180 lbs. Tested by hydraulic pressure to 360 lbs. Date of test 30.7.18
 Certificate 14386 Can each boiler be worked separately yes. Area of fire grate in each boiler 71 1/2 sq ft No. and Description of
 valves to each boiler 2 Direct Springs. Area of each valve 8.79 sq ft Pressure to which they are adjusted 185 lbs.
 fitted with easing gear yes. In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler no.
 distance between boilers or uptakes and bunkers or woodwork 2' 0". Mean dia. of boilers 16' 4 1/8" Length 11' 6"
 l of shell plates Thickness Range of tensile strength Are the shell plates welded or flanged
 of riveting: cir. seams long. seams Diameter of rivet holes in long. seams Pitch of rivets
 plates or width of butt straps Per centages of strength of longitudinal joint rivets plate Working pressure of shell by
 Size of manhole in shell Size of compensating ring No. and Description of Furnaces in each
 Material Outside diameter Length of plain part top bottom Thickness of plates crown bottom
 tion of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber
 Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: Sides Back
 If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Diameter at
 t part Area supported by each stay Working pressure by rules End plates in steam space: Material Thickness
 t stays How are stays secured Working pressure by rules Material of stays Diameter at smallest part
 supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of
 back plate Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes
 f tubes Material of tube plates Thickness: Front Back Mean pitch of stays Pitch across wide
 spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of
 at centre Length as per rule Distance apart Number and pitch of Stays in each
 ng pressure by rules Superheater or Steam chest: how connected to boiler Can the superheater be shut off and the boiler worked
 tely 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
 eged with rings Distance between rings Working pressure by rules End plates: Thickness How stayed
 ng pressure of end plates Area of safety valves to superheater ✓ Are they fitted with easing gear ✓
 The foregoing is a correct description, Manufacturer.

Is the approved plan of boiler forwarded herewith yes.
 Total No. of visits _____
 During progress of work in shops - - - ✓
 During erection on board vessel - - - ✓

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These Boilers have been
satisfactorily fitted on board, examined under steam and their
safety valves adjusted. & are eligible for record H 1810.18-180 lbs.

Survey Fee ... £ : : When applied for, 19
 Travelling Expenses (if any) £ : : When received, 19
 Committee's Minute LIVERPOOL 18 OCT 1918
 signed See report attached.
A. J. Bassett & B. G. Oxford
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 FRI. 31 JAN. 1919
 TUE. JUN. 17. 1919
 TUE. 29 JUL. 1919
 Lloyd's Register Foundation