

REPORT ON BOILERS.

No. 41044

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Writing Report *21 April 1921* When handed in at Local Office *22.4.1921* Port of *Glasgow*
 in Survey held at *Glasgow* Date, First Survey *9.3.1921* Last Survey *20.4.1921*
 Book. on the *manoeuvring Air Reservoir No. 6349 for "Dumra"* (Number of Visits *6*) Gross Tons *6* Net Tons *6*
 Built at *Bristol* By whom built *Chas. Hill & Sons No. 146* When built *1921*
 Made at *Glasgow* By whom made *North British Steel Co. Ltd* When made *1921*
 Made at *Glasgow* By whom made *North British Steel Co. Ltd* When made *1921*
 Rated Horse Power *15787* Owners *Burns & Munro & Co. Ltd* Port belonging to *London*

manoeuvring Air Reservoir
~~TUBULAR BOILERS MAIN, AUXILIARY OR DONKEY.~~ Manufacturers of Steel *Chas. Hill & Sons Ltd*
 for record *S* Total Heating Surface of Boilers *✓* Is forced draft fitted *✓* No. and Description of *In Reservoirs*
 Working Pressure *350* Tested by hydraulic pressure to *575* Date of test *20/4/21*
 Certificate *15787*. Can each boiler be worked separately *✓* Area of fire grate in each boiler *✓* No. and Description of *15787*
 valves to each boiler *15787* Area of each valve *15787* Pressure to which they are adjusted *15787*
 they fitted with easing gear *15787* In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler *15787*
 test distance between boilers or uptakes and bunkers or woodwork *15787* *INS Reservoirs* *54"* Length *15787*
 rial of shell plates *Steel* Thickness *13/16* Range of tensile strength *28/32* Are the shell plates welded or flanged *no*
 ip. of riveting: cir. seams *Lap* long. seams *OK* Diameter of rivet holes in long. seams *15/16* Pitch of rivets *4 1/2*
 of plates width of butt straps *9 1/16* Per centages of strength of longitudinal joint *84* Working pressure of shell by *79.5*
354. Size of manhole in *END 15x11* Size of compensating ring *End flanged in* No. and Description of Furnaces in each *15787*
 Material *✓* Outside diameter *✓* Length of plain part *top* Thickness of plates *crown*
 description of longitudinal joint *✓* No. of strengthening rings *✓* Working pressure of furnace by the rules *✓* Combustion chamber *✓*
 s: 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 *✓* Area, at *15787*
 est part *✓* Area supported by each stay *✓* Working pressure by rules *✓* End plates in steam space: Material *Steel* Thickness *1 1/8*
 of stays *4me* How are stays secured *✓* Working pressure by rules *350* Material of stays *✓* Area at smallest part *✓*
 supported by each stay *✓* Working pressure by rules *✓* Material of Front plates at bottom *✓* Thickness *✓* Material of *15787*
 back plate *✓* Thickness *✓* Greatest pitch of stays *✓* Working pressure of plate by rules *✓* Diameter of tubes *✓*
 of tubes *✓* Material of tube plates *✓* Thickness: Front *✓* Back *✓* Mean pitch of stays *✓* Pitch across wide *15787*
 spaces *✓* Working pressures by rules *✓* Girders to Chamber tops: Material *✓* Depth and thickness of *15787*
 at centre *✓* Length as per rule *✓* Distance apart *✓* Number and pitch of Stays in each *✓*
 ing pressure by rules *✓* Steam dome: description of joint to shell *✓* % of strength of joint *✓*
 eter *✓* Thickness of shell plates *✓* Material *✓* Description of longitudinal joint *✓* Diam. of rivet holes *✓*
 of rivets *✓* Working pressure of shell by rules *✓* Crown plates *✓* Thickness *✓* How stayed *✓*
 REHEATER. Type *✓* Date of Approval of Plan *✓* Tested by Hydraulic Pressure to *✓*
 of Test *✓* Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler *✓*
 ter of Safety Valve *✓* Pressure to which each is adjusted *✓* Is Easing Gear fitted *✓*

FOR THE FORTH SHIPBUILDING & ENGINEERING CO., LTD. The foregoing is a correct description, (LINDSAY GURNEYS BOILER WORKS) *Sinclair & Co. Manufacturer.*

During progress of *1921 Mar 9. 17.31 Apr 6. 13.50* Is the approved plan of boiler forwarded herewith *Yes.*
 work in shops - - -
 During erection on board vessel - - - Total No. of visits *6*

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
These reservoirs have been built under special survey.
The workmanship & material is of good quality.

Survey Fee ... £ *8 : 8* : } When applied for, *22.4.1921*
 Travelling Expenses (if any) £ : : } When received, *1.6.1921*

Committee's Minute
 Signed

GLASGOW 26 APR 1921
 TRANSMIT TO LONDON

Peter W. Cheson
 Engineer Surveyor to Lloyd's Register of Shipping.
 FRI. 13 OCT. 1922
 See Br. 76.10999
 Lloyd's Register Foundation
 W 2390029