

AIR RESERVOIRS. REPORT ON BOILERS.

No. 34572

Received at London Office WED. NOV. 18. 1914
Port of Glasgow WED. 15. DEC. 1915
No. in Survey held at Glasgow Date, First Survey 14/5/14 Last Survey 3/11/14
Reg. Book. 050 on the Manoeuvring Air Reservoirs 5451 M.S. BOSTONIAN (Number of Visits 13) Gross 6225.03 Tons Net 3963.55
Master J. S. Key Vessel Built at Glasgow By whom built Harland & Wolff, 1914 When built 1914
Rig. 1914 By whom made Murmeister & Co. Ltd When made 1914
Rig. 1914 By whom made Lindsay Burnet & Co. When made 1914
Registered Horse Power. 4 Owners Leyland & Co. Ltd Port belonging to Liverpool

MULTITUBULAR BOILERS MAIN, AUXILIARY OR DONKEY. — Manufacturers of Steel Steel Coy. of Scotland

Letter for record Two Cylindrical Total Heating Surface of Boilers 294 Is forced draft fitted No. and Description of
Boilers Working Pressure 294 Tested by hydraulic pressure to 588 Date of test 3/11/14

No. of Certificate 12926 Can each boiler be worked separately Area of fire grate in each boiler No. and Description of
Safety valves to each boiler Two Spring loaded Area of each valve 7.07 sq" Pressure to which they are adjusted 294 lb

Are they fitted with easing gear No 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 5'-6" Length 17'-9"

Material of shell plates Steel Thickness 13/16 Range of tensile strength 28/32 tons Are the shell plates welded or flanged No.
Descrip. of riveting: cir. seams Lap SR long. seams Stitch SR Diameter of rivet holes in long. seams 7/8" Pitch of rivets 6 1/4"

Lap of plates width of butt straps 13 1/2" Per centages of strength of longitudinal joint 87.8 Working pressure of shell by
rules 3 1/2 lb. Size of manhole in shell None Size of compensating ring No. and Description of Furnaces in each
boiler Flanged manhole 16 x 12 in one end. Material Steel Outside diameter 16" Length of plain part 1'-10" Thickness of plates 1 1/8"

Description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber
plates: Material Steel Thickness: Sides 1 1/8" Back 1 1/8" Top 1 1/8" Bottom 1 1/8" Pitch of stays to ditto: Sides 1 1/8" Back 1 1/8"

Top If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Diameter at
smallest part Area supported by each stay Working pressure by rules End plates in same place: Material Thickness 1 1/8"

Pitch of stays 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 Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes
Pitch of tubes Material of tube plates Thickness: Front Back Mean pitch of stays 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: 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 The foregoing is a correct description, 1914

No. attached Manufacturer. Lindsay Burnet & Co.

Dates of Survey During progress of 1914 May 14 July 1 7.30 Aug 5 Sept 1 15.23 Is the approved plan of boiler forwarded herewith Yes Return to this
while work in shops - - - Oct 9 19.29 Nov 3.4 office for duplicate
building During erection on board vessel - - - Total No. of visits 13

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These air reservoirs have

been constructed under special survey. The materials

& workmanship are good & the scantlings & dimensions

are in accordance with the approved plan.

These reservoirs have now been satisfactorily fitted on board the vessel

Survey Fee £ 2 : 2 : 0 When applied for 16/11/14 1914
Travelling Expenses (if any) £ : When received 8/11/15 1915

Committee's Minute GLASGOW 17 NOV. 1914
Assigned TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
© 2020 Lloyd's Register Foundation

Port of

No. in
Reg. Book
1050

Owners

Yard No.

DESCRIPT

7

8

7/18 No 466

Air Reservoir

Oil Fuel
Piston
Forced
Circula
Sanitar
Refrige
Ballast
Bilge P
Turning
Worksho
Motor F
Spare.
Captai
Office
Engine
Cargo
Wirele
Steeri
Windla
Winche

2 Main Dy

1 Tuxham

Are

Are

How

to

2



© 2020

Lloyd's Register
Foundation