

REPORT ON BOILERS.

Air Reservoirs

No. 33820

WED. APR. - 8. 1914
THU. APR. - 8. 1915

Received at London Office

of writing Report 101 When handed in at Local Office 3. 4. 1914 Port of Glasgow

To. in Survey held at Glasgow Date, First Survey 12-1-14 Last Survey 24-3-1914

g. Book. on the "M. S. Falstria" (Number of Visits 8) } Gross 43444
ster J. B. Coatsan Built at Glasgow By whom built Harland & Wolff (19451) When built 1915
ines made at Glasgow. By whom made Burneisle & Wain When made 1915
ores made at Glasgow By whom made Lindsay Burnett & Co (195336. 678) When made 1914
istered Horse Power Owners Arctic Del'olasiatiska Kompagniet Port belonging to Copenhagen

Manoeuvring Air Reservoirs
~~WATER-TUBULAR BOILERS MAIN, AUXILIARY OR DONKEY.~~ - Manufacturers of Steel J. Dunlop & Co

ter for record) Total Heating Surface of Boilers Is forced draft fitted No. and Description of
um 2 Cylindrical Working Pressure 294 Tested by hydraulic pressure to 558 Date of test 24/3/14

of Certificate 12617 Can each boiler be worked separately Area of fire grate in each boiler No. and Description of
y valves to each boiler Area of each valve Pressure to which they are adjusted

they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

allest distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers 5'-0" Length 12'-10"

erial of shell plates steel Thickness 2 3/32 Range of tensile strength 25-32 Are the shell plates welded or flanged No

rip. of riveting: cir. seams lap double long. seams butt tube Diameter of rivet holes in long. seams 7/16" Pitch of rivets 5 3/4"

of plates or width of butt straps 1/2 Per centages of strength of longitudinal joint rivets 93.2 Working pressure of shell by
297 Size of manhole in shell 16" x 12" Size of compensating ring flanged plate 58.8

No. and Description of Furnaces in each
Material Outside diameter Length of plain part top Thickness of plates crown
bottom Thickness of plates bottom

ription 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 Diameter at
est part Area supported by each stay Working pressure by rules End plates in steam space: Material steel Thickness 1 5/16" x 1 1/16"

of 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
r 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
spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of
r at centre Length as per rule Distance apart Number and pitch of Stays in each
ing pressure by rules Superheater or Steam chest; how connected to boiler Can the superheater be shut off and the boiler worked
ately 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
fined with rings Distance between rings Working pressure by rules End plates: Thickness How stayed
ing pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

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

es During progress of 1914 Jan 12-15-28 Feb 10-18-24 Mar 18-24 Is the approved plan of boiler forwarded herewith The plan is retained
vey work in shops - - - - - Total No. of visits 8 by guidance with
le During erection on work in hand -
ing board vessel - - - - -

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
These Reservoirs have been built under special survey
the materials & workmanship are of good description
These reservoirs have been securely fitted aboard.

urvey Fee ... £ 2 : 2 : } When applied for, 3-4-1914
ravelling Expenses (if any) £ : : } When received, 28-5-1914

P. J. Brown
A. McLeod
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 7-APR 1914

signed TRANSMIT TO LONDON des