

REPORT ON BOILERS.

Air Reservoirs

No. 33820.

of writing Report

191

When handed in at Local Office

3-4-1914

Port of

Received at London Office

Glasgow

WED. APR. -8. 1914

THU. APR. -8. 1915

To. in Survey held at

Glasgow

g. Book.

on the "M. G. Falstria"

ster J. B. Cotsan

Built at Glasgow

ines made at

Glasgow.

By whom made

By whom built Harland & Wolff (1915)

When made

1915

here made at

Glasgow

By whom made

Lindsay Burnett & Co (1913)

When made

1914

istered Horse Power

Owners

Arties Del Ostasiatiska Kompagniet Port belonging to Copenhagen

Manoeuvring Air Reservoirs

FLAT 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

2 Cylindrical

Working Pressure 294

Tested by hydraulic pressure to 588

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

ty 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 triple

Diameter of rivet holes in long. seams 1 1/16" Pitch of rivets 5 3/4"

of plates or width of butt straps 12 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

No. and Description of Furnaces in each

Material

Outside diameter

Length of plain part

Thickness of plates

crown

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

15" 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

ened 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.

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

work in shops - - -

During erection on

board vessel - - -

Total No. of visits

8

in hand -

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.

Survey Fee ... £ 2 : 2

When applied for, 3-4-1914

Travelling 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



Lloyd's Register Foundation

005013-005019-0237