

REPORT ON BOILERS.

No. 30354. THU. JAN. 4-1912

Date of writing Report June 26th 1911

When handed in at Local Office

30-6-11

Port of

Glasgow

Received at London Office WED. 5 JUL 1911

No. in Survey held at

Reg. Book.

New.

on the boiler no. 1325 for Ross & Duncan Engs. 872.

Date, First Survey

19th April 1911

Last Survey

June 23rd 1911

(Number of Visits 13)

Gross

Tons

Net

Master

Built at

Dublin

By whom built

Dublin Dockyard Co S.S. No. 74

When built 1911

Boilers made at

Glasgow

By whom made

Ross & Duncan

When made 1911

Owners

Michael Murphy Ltd.

Port belonging to

Cardiff

VERTICAL DONKEY BOILER—

No. 606

Description

Vertical Brass Tube

Manufacturers of steel

D. Colville & Sons

Made at

Glasgow

By whom made

A. Anderson & Sons

When made

1911

Where fixed

stakehold

Working pressure

90 lbs

tested by hydraulic pressure to 180

Date of test

23-6-11

No. of Certificate

11074

Fire grate area

14^{ft}

Description of safety valves

spring loaded

No. of safety valves

one

Area of each

7.070

Pressure to which they are adjusted

90 lbs

If fitted with easing gear

Yes

If steam from main boilers can

enter the donkey boiler

No

Dia. of donkey boiler

5'-0"

Length

10'-6"

Material of shell plates

steel

Thickness

3/8"

Range of tensile

strength

28,32

Descrip. of riveting long. seams

D.R. laps

Dia. of rivet holes

13/16"

Whether punched or drilled

drilled

Pitch of rivets

2 1/2"

Lap of plating

4"

Per centage of strength of joint

Rivets 96.4

Working pressure of shell by rules

92

Thickness of shell crown plates

1/2"

Radius of do.

5'-0"

No. of Stays to do.

4

Dia. of stays

1 1/8"

Diameter of furnace Top

4'-1 1/8"

Bottom

4'-5 1/8"

Length of furnace

Thickness of furnace plates

1/2"

Description of joint

weld

Working pressure of furnace by rules

112

Thickness of furnace crown

plates

1/2"

plates

1/2"

Radius of do.

4'-0"

Stayed by

4 stays 1 1/8" dia.

Diameter of uptake

15" outside

Thickness of uptake plates

1/2"

Thickness of water tubes

3/8"

The foregoing is a correct description.

Alex. Anderson & Sons

Manufacturer.

Dates

During progress of

work in shops - -

1911. April 19. 25. May 18. 10. 15. 19. 25. 29. June 28. 12. 23.

of Survey

while

erection on

board vessel - - -

building

Total No. of visits

13.

Is the approved plan of boiler forwarded herewith

Yes

GENERAL REMARKS

(State quality of workmanship, opinions as to class, &c.)

The materials and workmanship are good.

This boiler has been built under special survey in accordance with the rules and approved plan to the order of Messrs Ross & Duncan, and is to be fitted on board the vessel at Glasgow.

This boiler has been satisfactorily fitted in the

Survey request form

S.S. 'Inda'

No.

682. attached

P.J.B.

Survey Fee

...

£

2 : 2 : 5

When applied for,

28. 6.

19 11.

Travelling Expenses (if any)

£

: 10 : 4

When received,

5. 8.

19 11.

A.C. Forster

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

Committee's Minute

Glasgow

4-JUL-1911

GLASGOW

3-JAN-1912

FRI. JAN. 5-1912

Assigned

Transmit to London.

See minute on Glasgow Report

No. 30962

Lloyd's Register Foundation

002269-002278-0014