

# AIR RECEIVERS. REPORT ON BOILERS.

No. 9120

FRI. 30 MAY. 1924

Date of writing Report

19

When handed in at Local Office

19

Port of

Belfast.

No. in Survey held at

Belfast

Date, First Survey

Last Survey

19

g. Book.

on the

3 Manoeuvring Air Receivers for the M.S. Glenshiel.

Number of Visits

Gross

9415

Tons

Net 5503

ster.

Built at

Belfast

By whom built

Harland &amp; Wolff Ltd

When built

1923-4.

Receivers made at

Belfast

By whom made

Harland &amp; Wolff Ltd

When made

1923

Receivers

Port belonging to

Belfast.

## AIR RECEIVERS.

### VERTICAL DONKEY BOILER

No. Three

Description

Horizontal riveted

Manufacturers of steel

D Colville &amp; Sons

Made at

Belfast

By whom made

Harland &amp; Wolff Ltd

When made

1923

Where fixed

Motor Room

Working pressure

356 lbs

Tested by hydraulic pressure to

712 lbs

Date of test

15-12-23

No. of Certificate

2

Fire grate area

✓

Description of safety valves

Spring loaded

No. of safety valves

Two

Area of each

7.06

Pressure to which they are adjusted

356 lbs

If fitted with easing gear

Yes

If steam from main boilers can

Enter the donkey boiler

✓

Diameter of donkey boiler

6'-0 3/8"

Length

2'-11 1/2"

Material of shell plates

Steel

Thickness

1 3/32"

Range of tensile

Strength

24-32 tons

Description of riveting long seams

I.R.D.B.S.

Diameter of rivet holes

1 5/16"

Whether punched or drilled

Drilled

Pitch of rivets

8"

of BUTTS

1 1/2"

Percentage of strength of joint

Rivets 95.5

Plates 85.15

Working pressure of shell by rules

396 lbs

Thickness of shell

End

plates 19 1/32 to 13 1/32"

Diameter of do.

4'-0"

No. of Stays to do.

None

Diameter of stays

✓

Diameter of furnace Top

✓

Bottom

✓

Length of furnace

Thickness of furnace plates

✓

Description of joint

✓

Working pressure of furnace by rules

400 lbs

Thickness of furnace crown

✓

Radius of do.

✓

Stayed by

✓

Diameter of uptake

✓

Thickness of uptake plates

✓

Thickness of water tubes

✓

The foregoing is a correct description,

FOR HARLAND &amp; WOLFF LTD

F. Hebble

Manufacturer.

Dates { During progress of }  
 Survey { work in shops - - }  
 while { During erection on }  
 building { board vessel - - }  
 Total No. of visits

Included in last Entry Report

Is the approved plan of boiler forwarded herewith

yes

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

These Receivers have been built under Special Survey. Materials & workmanship, hydraulic tests satisfactory. They have been securely fixed in place & safety valves adjusted.

Survey Fee ... £ 12 : 12 0

When applied for, Jan 3 1924

Travelling Expenses (if any) £

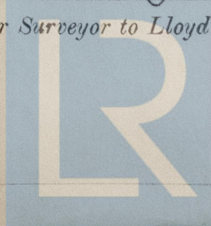
When received, Feb 2 1924

William Butler  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI 6 JUN 1924

Assigned



Lloyd's Register  
 Foundation