

AIR RECEINERS REPORT ON BOILERS.

No. 9245

-8 DEC 1924

25 MAR 1925

Date of writing Report

19

When handed in at Local Office

6-12

1924

Port of

Received at London Office

Belfast

No. in Survey held at
Reg. Book.

Belfast

Date, First Survey 17th Sept.

Last Survey 26-11-

1924

on the

Air Receiners for the New Steel No. 675 M. "THISTLEROS" (675 M)

(Number of Visits 6)

Gross 4615

Net 2705

Master
RECEINERS
Boilers made at

Belfast

Built at

Glasgow.

By whom built

Daw Henderson

When built 1925

By whom made

Harland & Wolff Ltd 675 M.

When made 1924

Owners

Port belonging to

AIR RECEINERS.

VERTICAL DONKEY BOILER

No. Two

Description

Horizontal

Manufacturers of steel

D Colville & Sons Ltd

Made at

Belfast

By whom made

Harland & Wolff Ltd

When made

1924

Where fixed

Engine Room

Working pressure

356 lbs

Tested by hydraulic pressure to

585 lbs

Date of test

26-11-24

No. of Certificate

13

Fire grate area

Description of safety valves

SPRING LOADED

No. of safety valves

Two

Area of each

7⁰

Pressure to which they are adjusted

356 lbs

fitted with easing gear

No.

If steam from main boilers can

Enter the donkey boiler

Dia. of donkey boiler

6'-0 3/8"

Length

21'-0 1/16"

Material of shell plates

Steel

Thickness

1 3/8"

Range of tensile

Length

98 1/22

Descrip. of riveting long. seams

T.R.D. B.S.

Dia. of rivet holes

1 1/8"

Whether punched or drilled

drilled

Pitch of rivets

4 1/16"

Dth of

16 5/8"

Per centage of strength of joint

Rivets 98.8

Plates 95.5

Working pressure of shell by rules

390 lbs

Thickness of shell

end

plates

1 5/8" & 1 3/8"

all plates

16 5/8"

No. of Stays to do

none

Dia. of stays

✓

Diameter of furnace

Top

Bottom

Length of furnace

Ends

360.45 lbs

Thickness of furnace crown

Thickness of furnace plates

16 5/8"

Description of joint

Stayed by

✓

Working pressure of furnace by rules

Ends

360.45 lbs

Thickness of furnace crown

Thickness of water tubes

16 5/8"

Radius of do.

16 5/8"

Stayed by

✓

Diameter of uptake

16 5/8"

Thickness of uptake plates

16 5/8"

The foregoing is a correct description,
For HARLAND AND WOLFF, LIMITED.
Manufacturer.

J. Schellbeck

Dates
of Survey
while
building

During progress of work in shops - -
During erection on board vessel - -
Total No. of visits

1924 Sept 17 Oct. 21, 28 Nov 4, 18, 26 = 6

Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS

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

These Air Receiners have been built under Special Survey & in accordance with the approved plan. Materials & Workmanship good. Hydraulic tests satisfactory. They are being shipped to Glasgow for installation in the Kessel.

These air receivers have now been fitted on board the above vessel in an efficient manner, examined under air pressure and safety valves adjusted to 356 LBS/SF
Washers A 1/2" F. 7/16"

Survey Fee ... £ 8 : 8 : 0
Travelling Expenses (if any) £ :

When applied for, 6-12-1924
When received, 11-2-1925
(London) ✓ March

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

Committee's Minute GLASGOW 24 MAR 1925

Assigned See Gls. Rpt. No. 444511

Lloyd's Register
Foundation