

AIR RECEIVERS.

REPORT ON

No. 9510

10-25 JUN 1926 Attach to Gls. Rpt. No. 45710

Date of writing Report

10

When handed in at Local Office

17-2-1926 Port of Belfast.

No. in Survey held at
Reg. Book.

Belfast.

Date, First Survey 17th August 1925 Last Survey 5th February 1926

on the

Air Receivers for the New Steel M.S. SPRINGBANK 6879

(Number of Visits 22)

Gross

Tons

Net

Master

Built at

Glasgow

By whom built

Harland & Wolff Ltd

When built

1926

Boilers made at

Belfast.

By whom made

Harland & Wolff Ltd

When made

1926.

Owners

Messrs Andrew Weir & Co. (Bank Line Ltd)

Port belonging to

Glasgow.

AIR RECEIVERS.

~~VERTICAL DONKEY BOILER~~

No. 2.

Description

Horizontal

Manufacturers of steel

DeLhuillier & Sons Ltd

Made at

Belfast

By whom made

Harland & Wolff Ltd

When made

1926

Where fixed

on the ship

Working pressure 356 lbs.

tested by hydraulic pressure to

585 lbs.

Date of test

5.7.26

No. of Certificate

31

Fire grate area

Description of safety valves SPRING LOADED

No. of safety valves

Two

Area of each

7 sq

Pressure to which they are adjusted

356 lbs/sq

If steam from main boilers can

enter the donkey boiler

Diameter of donkey boiler

6'-0 3/8"

Length

21'-0 5/16"

Material of shell plates

Steel

Thickness

1 1/2"

Range of tensile

strength

28,300 lbs

Description of riveting long seams

T.R.D.B. S.

Diameter of rivet holes

1 1/8"

Whether punched or drilled

drilled

Pitch of rivets

1 1/16"

Width of lap of plating

5"

Per centage of strength of joint

Rivets 98.5

Plates 85.5

Working pressure of shell by rules

380 lbs

Thickness of shell

END

plates 1 1/32", 1 1/32"

BUTT STRAPS

Radius of do.

4'-0"

No. of stays to do.

none

Diameter of stays

none

Diameter of furnace Top

Bottom

Length of furnace

Thickness of furnace plates

Description of joint

Working pressure of furnace

Ends

by rules

360 lbs

Thickness of furnace crown

plates

Radius of do.

Stayed by

Diameter of uptake

Thickness of uptake plates

Thickness of water tubes

The foregoing is a correct description,

For HARLAND AND WOLFF, LIMITED.

F. J. Abbeck

Manufacturer.

Dates of Survey while building

During progress of work in shops-

During erection on board vessel - -

Total No. of visits

Aug 17. 24 Sept 14. 18. 25 Oct 2. 12. 23 Nov 19. 25. 26. 27 Dec 9. 10. 17. 18 Jan 4. 15. 27. 28

Feb 4. 5 = 22

Is the approved plan of boiler forwarded herewith

Duplicate No 602-3-4.

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

These Receivers have been

built under Special Survey. Materials & Workmanship good,

hydraulic tests satisfactory. They have been shipped to Glasgow

for installation in the vessel.

These Receivers have now been fitted on board the above vessel in an

efficient manner, examined under air pressure and found satisfactory,

safety valves now adjusted to 356 lbs/sq. Working F 1/2" F. A 3/8".

Survey Fee

...

...

£ 8

:

8

0

When applied for,

17th Feb 1926

Travelling Expenses (if any)

£

✓

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When received,

30th 3/26

William Bates & Co. Ltd
Engineer Surveyors to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW 1-JUN 1926

Assigned

See Gls. Rpt. No. 45710

W1170-0019

Lloyd's Register
Foundation