

REPORT ON BOILERS.

Air Reservoir

No. 82674

Date of writing Report

19

When handed in at Local Office

8 SEP 1921 Port of

Received at London Office

SAT. 10 SEP. 1921

LIVERPOOL.

No. in
Reg. Book.

Survey held at

Birkenhead.

Date, First Survey

Apl 4th

Last Survey

Apl 28th 1921.

23303 on the

L.P. Air Reservoir for the M/S. "MALIA."

(Number of Visits 4)

Gross

Tons

Net

Master

Oil Engines

Built at

Port Glasgow.

By whom built

W. Hamilton & Co. Ltd

When built

1921.

Owner's

T & J Brocklebank.

By whom made

Cammell Laird & Co. Ltd

When made

1921.

Port belonging to

Liverpool

L.P. AIR RESERVOIR

~~VERTICAL DONKEY BOILER~~

No. One

Description Cylindrical

Manufacturers of steel John Spence & Sons.

Made at

Birkenhead

By whom made

Cammell Laird & Co. Ltd

When made

1921

Where fixed

On M/S. "MALIA"

Working pressure

200 lbs.

tested by hydraulic pressure to

400.

Date of test

28-4-21

No. of Certificate

✓

Fire grate area

12

Description of safety valves

Spring loaded

No. of safety valves

One

Area of each

5.14

Pressure to which they are adjusted

200 lbs.

If fitted with easing gear

No

If steam from main boilers can

enter the donkey boiler

No

strength

28.32 lbs.

Descrip. of riveting long. seams

D.R. Double Strap

Dia. of rivet holes

3"

Whether punched or drilled

Drilled

Pitch of rivets

2 3/4"

Range of tensile

No

Vid. of Butt Straps

7/4"

Per centage of strength of joint

Rivets 98.6%

Plates 72.7%

Working pressure of shell by rules

35%

Thickness of shell crown plates

13/16"

End.

13/16"

Radius of do.

Flat.

No. of Stays to do.

One

Dia. of stays

2 1/2"

Diameter of furnace Top

Bottom

Length of furnace

Thick.

Thick.

Thick.

Thick.

Thickness of furnace plates

Description of joint

Working pressure of furnace by rules

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

plates

Radius of do.

Stayed by

Diameter of uptake

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

Thick.

Thickness of water tubes

Description of joint

Working pressure of furnace by rules

Thick.

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