

REPORT ON BOILERS.

No. 51220

12 FEB 1931

Date of writing Report

19

When handed in at Local Office

9. 2. 1931

Port of

Received at London Office

Glasgow

No. in Survey held at

Reg. Book.

88929

Survey held at

Glasgow

Date, First Survey

23. 10. 29

Last Survey

6. 2. 31

1931

(Number of Visits

154)

Gross

11453

Tons

Net 4161

Master

Built at

Glasgow

By whom built

Fairfield S.R. & Co. Ltd.

When built

1931

Boilers made at

By whom made

When made

Owners

Bithy & Co. Ltd.

Port belonging to

Air Recimen

VERTICAL DONKEY BOILER

No. one

Description

Manufacturers of steel

D. Bobill & Sons Ltd.

Made at

By whom made

Fairfield S.R. & Co. Ltd.

When made

1930

Where fixed

Ing. Room

Working pressure

350 lb.

tested by hydraulic pressure to

5 1/2 lb.

Date of test

1.5.30

No. of Certificate

18120

Fire grate area

-

Description of safety valves

Direct Spring

No. of safety valves

one

Area of each

1.77 sq. ft.

Pressure to which they are adjusted

350 lb.

If fitted with easing gear

No.

If steam from main boilers can

enter the donkey boiler

-

Diameter of donkey boiler

69"

Length

15' 7 1/2"

Range of tensile strength

28-32 tons

Description of riveting long. seams

D.B.S. TR.

Diameter of rivet holes

15/16"

Whether punched or

drilled

-

Pitch of rivets

1 1/2"

Lap of plating

-

Per centage of strength of joint

rules

356 lb.

Thickness of shell crown plates

1 1/2" & 1 5/8"

Radius of do.

39"

No. of stays to do.

-

Diameter of stays

-

Diameter of

furnace—Top

-

Bottom

-

pressure of furnace by rules

-

Thickness of Ogee ring

-

Working pressure of Ogee ring by rules

-

Thickness of furnace

crown plates

-

Radius of do.

-

Stayed by

-

Diameter of uptake

-

plates

Thickness of tube plates

front

-

back

Mean pitch of stay tubes in nest

-

Pitch in outer vertical rows

-

Diameter of tube holes

FRONT

stay

plain

BACK

stay

External diameter

stay

plain

Thickness

stay

plain

No. of threads per inch

-

Pitch of tubes

-

Working pressure by rules

-

Manhole compensation; Size of opening in shell plate

-

Section of compensating

ring

No. of rivets and diameter of rivet holes

-

Outer row pitch at ends

-

The foregoing is a correct description,

-

Manufacturer.

-

Drawing No.

-

-

-

-

-

Dates of Survey while building

During progress of work in shops - -

During erection on board vessel - -

Total No. of visits

SEE ACCOMPANYING MACHINERY REPORT.

Is the approved plan of boiler forwarded herewith

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

This Air Recimen has been built under special Survey and in accordance with the Rules. The materials & workmanship are good. It has been specifically secured in position on board.

Survey Fee ... £

Travelling Expenses (if any) £

When applied for

19

When received

19

Committee's Minute GLASGOW 11 FEB 1931

Assigned SEE ACCOMPANYING MACHINERY REPORT.

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

003154-003161-0136