

Rpt. 5b.

REPORT ON BOILERS.

No. 46725

Date of writing Report

When handed in at Local Office

14/9-27

1.6.27 Port of

Received at London Office

Glasgow

8 JUN 1927

No. in Survey held at

Annan

Reg. Book.

Date, First Survey

8.10.26

Last Survey

31.5.27

1927

on the

BOILER No 10145

D. Shields

(Number of Visits 12)

Gross 1275

Tons Net 697

Master

Built at

D. Shields

By whom built

Readhead & Sons

When built

1927

Boilers made at

Annan

By whom made

Messrs Cochran & Co. Annan Ltd

When made

1927

Owners

Port belonging to

VERTICAL DONKEY BOILER

No. ONE

Description

VERTICAL

Manufacturers of steel

D. Colville & Sons Ltd

Made at

Annan

By whom made

Cochran & Co. Annan Ltd

When made

1927

Where fixed

Stokehold

Working pressure

100 lb.

tested by hydraulic pressure to

200 lb.

Date of test

31-5-27

No. of Certificate

1744

Fire grate area

16.75 sq

Description of safety valves

Spring loaded

No. of safety valves

2

Area of each

3.116 sq

Pressure to which they are adjusted

100 lb.

If fitted with easing gear

Yes

If steam from main boilers can

enter the donkey boiler

No

Diameter of donkey boiler

5'-6"

Length

12'-3"

Material of shell plates

Steel

Thickness

3/16", 7/16"

Range of tensile

strength

28/32

Descript. of riveting long. seams

D.R. Lap

Diameter of rivet holes

25/32"

Whether punched or drilled

Drilled

Pitch of rivets

3.55"

Lap of plating

3 3/8"

Per centage of strength of joint

66.6

Radius of do.

2'-9"

No. of Stays to do.

-

Diameter of stays

-

Diameter of furnace Top

Hemispherical

Bottom

4'-9"

Length of furnace

3'-3 1/2"

Thickness of furnace plates

1/2"

Description of joint

Seamless & Ogee Ring

Working pressure of furnace by rules

144 lb.

Thickness of furnace crown

104 lb.

plates

1/2"

Radius of do.

2'-4 1/2"

Stayed by

Hemispherical

Diameter of uptake

13 x 19 1/2"

Thickness of uptake plates

1/2"

Thickness of water tube plates

FRONT 2 3/32"

BACK 19/32"

The foregoing is a correct description.

The COCHRAN & CO. ANNAN LIMITED

Manufacturer.

Dates of Survey while building

During progress of work in shops - -

During erection on board vessel - -

Total No. of visits

1926 Oct 8-12 (1927) Apr 1-22-26 May 3-6-13-20-24-27-31

DRAWING No 12710

Is the approved plan of boiler forwarded herewith

Yes

GENERAL REMARKS

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

This boiler has been built

under survey in accordance with the Rules and approved plan.

Material and workmanship Good.

This boiler is to the order of Messrs. John Readhead & Sons of South Shields.

And intended for their ship No. 485. For classification.

Survey Fee ... £ 4 : 4 :

When applied for, ... 10

Travelling Expenses (if any) £ : :

When received, ... 10

MONTHLY ACCOUNT

Glen. J. Thome Wm. Morrison

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 7 JUN 1927

FRI. 23 SEP 1927

Assigned

TRANSMIT TO LONDON

See Note 76 rpt

No. 81803

Lloyd's Register

Foundation

005480-005488-0037