

REPORT ON BOILERS.

No. 44565

16 APR 1925

Received at London Office

No. of writing Report

10

When handed in at Local Office

10.4.1925 Port of Glasgow

No. in g. Book.

Survey held at

Annan, Scotland

Date, First Survey

26/3/25

Last Survey

8 April

1925

(Number of Visits

3

Gross

Tons

Net

ster

Built at

By whom built

When built

lers made at

Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd

When made 1925.

Port belonging to

VERTICAL DONKEY BOILER

No. One

Description

Cochran Type

Manufacturers of steel

D. Colville & Sons Ltd

de at

Annan By whom made Cochran & Co Annan Ltd

When made

1925

Working pressure 100 lbs

ed by hydraulic pressure to

200

Date of test

8/4/25

No. of Certificate

6779

Fire grate area

225 ft

Description of safety valves

of safety valves

Area of each

Pressure to which they are adjusted

If fitted with easing gear

If steam from main boilers can

r the donkey boiler

Dia. of donkey boiler

6'-6"

Length

4'-6"

Material of shell plates

Steel

Thickness

3/32"

Range of tensile

length

28/32"

Descrip. of riveting long. seams

D.R. Lap.

Dia. of rivet holes

27/32"

Whether punched or drilled

drilled

Pitch of rivets

3 1/16"

of plating

4 1/4"

Per centage of strength of joint

Rivets 68.8%

Plates 68.2%

Working pressure of shell by rules

110 lbs

Thickness of shell crown plates

13/32"

us of do.

3'-3"

No. of Stays to do.

None

Dia. of stays

Diameter of furnace Top

Hemispherical

Bottom

5'-6"

Length of furnace

2'-10 1/4"

ness of furnace plates

1/2"

Description of joints

Seamless Ogee Ring

Working pressure of furnace by rules

125 lbs

Thickness of furnace crown

1 1/16"

s "

1/2"

Radius of do.

2'-9"

Stayed by

Hemispherical

Diameter of uptake

15" x 23"

Thickness of uptake plates

9/16"

ness of water tubes

plates

Front 13/16"

Back 23/32"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

ates

urvey

hile

lding

During progress of

work in shops - -

During erection on

board vessel - -

Total No. of visits

3

1925 Mar 26 Apr 28

Drawing No 12717.

Copy of

Is the approved plan of boiler forwarded herewith

yes

GENERAL REMARKS

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

This boiler which has not been built under survey has been examined throughout; the scantlings have been checked and found in accordance with the plan, the materials have been tested by the Society's Surveyors and the marks on the plates checked with the steel plate invoice.

The boiler has been tested in my presence by hydraulic pressure to 200 lbs per square inch with satisfactory results.

The boiler is to the order of Messrs Atlantic Coaling Co. Ltd. London.

Survey Fee

...

£

4

:

4

:

When applied for,

10

Travelling Expenses (if any) £

:

:

When received,

10

MONTHLY ACCOUNT

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

Committee's Minute

GLASGOW 15 APR 1925

Signed

TRANSMIT TO LONDON



Lloyd's Register Foundation

W36-0041 K