

REPORT ON BOILERS.

No. 46534

6 APR 1927

27 JUL 1927

Writing Report

19

When handed in at Local Office

4-4-27

Port of

Glasgow

Survey held at

Annan

Date, First Survey

22-2-27

Last Survey

1-4-1927

Book.

on the BOILER No 9971 in M.V. CHESHIRE

(Number of Visits

11)

Gross

Net

Built at

Glasgow

By whom built

The Fairfield S.B. & E. Co. Ltd

When built

1927

rs made at

Annan

By whom made

Messrs Cochran & Co. Annan Ltd

When made

1927

rs Birkby Bros & Co

Port belonging to

Limping

VERTICAL DONKEY BOILER

No. ONE

Description

VERTICAL

Manufacturers of steel

D. Colville & Co. Ltd

at

Annan

By whom made

Cochran & Co. Annan Ltd

When made

1927

Where fixed

Working pressure

120 lb.

by hydraulic pressure to

230 lb.

Date of test

1-4-27

No. of Certificate

7357

Fire grate area

18.75 sq.

Description of safety valves

safety valves

Area of each

Pressure to which they are adjusted

If fitted with easing gear

If steam from main boilers can

the donkey boiler

Dia. of donkey boiler

6'-0"

Length

14'-3"

Material of shell plates

Steel

Thickness

17" 19" 17"

Range of tensile

Descrip. of riveting long. seams

D.R. Lap

Dia. of rivet holes

29"

Whether punched or drilled

Drilled

Pitch of rivets

2 1/2"

plating

4 1/2"

Per centage of strength of joint

Rivets

71

Working pressure of shell by rules

134.6 lb.

Thickness of shell crown plates

15" 29"

of do.

3'-0"

No. of Stays to do.

-

Dia. of stays

-

Diameter of furnace Top

Hemispherical

Bottom

5'-0"

Length of furnace

3'-4 1/2"

ss of furnace plates

17" 33"

Description of joint

Seamless, Ogee Ring

Working pressure of furnace by rules

146.9 lb.

Thickness of furnace crown

127 lb.

Radius of do.

2'-6"

Stayed by

Hemispherical

Diameter of uptake

13" x 19 1/2"

Thickness of uptake plates

9 1/8"

ss of water tube plates

FRONT 29"

BACK 25"

The foregoing is a correct description,

FOR COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

H. Woodham

During progress of

work in shops

1927 Feb. 22-25 Mar. 1-4-8-11-15-18-22-25 Apr. 1

During erection on

board vessel

DRAWING No. 14650

Total No. of visits

11

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 Fairfield S.B. & E. Co. and intended for the

Ship No. 620. This boiler is for Classification.

Fee ... £ 4 : 4 :

Selling Expenses (if any) £ :

When applied for,

19

When received,

19

MONTHLY ACCOUNT

Glen. J. Thomas

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

Committee's Minute

GLASGOW 5 - APR 1927

TRANSMIT TO LONDON

GLASGOW 26 JUL 1927

See Gls. Rpt. No. 46840

Lloyd's Register

Foundation

005164-005177-0001