

REPORT ON BOILERS.

No. 45525

Received at London Office

31 MAR 1926

24.1
1926
Surveying Report

10 When handed in at Local Office

29.3.

10 Port of

Glasgow

Survey held at

Annan

Date First Survey

19.2.26

Last Survey

26.3.1926

1926 (Glasgow) (Dissect)

on the COCHRAN BOILER No. 9728.

M.V. "RIALTO"

(Number of Visits) 5

Gross 7698

Net 4498

Built at

Greece

By whom built

Stabilimento Tecnico Triestino

When built

1926

made at

Annan

By whom made

Cochran & Co. Annan Ltd.

When made

1926

Navigation Libera Trieste

Port belonging to

Venice

TECHNICAL DONKEY BOILER—

No. One

Description

Cochran Type

Manufacturers of steel

D. Colville & Sons

Annan

By whom made

Cochran & Co. Annan Ltd.

When made

1926

Where fixed

Engine room

Working pressure

100 lbs.

hydraulic pressure to

200 lbs.

Date of test

26/3/26

No. of Certificate

17076

Fire grate area

4.78 sq. ft.

Description of safety valves

Spring loaded

safety valves

2

Area of each

1.660 sq. in.

Pressure to which they are adjusted

100 lbs./sq. in.

If fitted with easing gear

Yes

If steam from main boilers can

be used

No

Donkey boiler

Yes

Dia. of donkey boiler

3'0"

Length

8'3"

Material of shell plates

Steel

Thickness

3/8"

Range of tensile

2.266

Descrip. of riveting long. seams

D.R. Lap.

Dia. of rivet holes

23/32"

Whether punched or drilled

Drilled

Pitch of rivets

2.344"

Plating

3/4"

Per centage of strength of joint

75.8

Working pressure of shell by rules

182.8 lbs.

Thickness of shell crown plates

5/32"

Do.

3'0"

No. of Stays to do

None

Dia. of stays

1/2"

Diameter of furnace Top

29"

Bottom

2'6 7/8"

Length of furnace

2'6 1/6"

Plates

1/2"

Description of joint

Vertical seam E. welded

Working pressure of furnace by rules

236.8 lbs.

Thickness of furnace crown

7/16"

Radius of do.

14 1/2"

Stayed by

Hemisphere

Diameter of uptake

8" x 9 3/4"

Thickness of uptake plates

7/16"

Plates

Front 1/2"

Back 5/8"

of water tube

plates

Back 5/8"

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

During progress of work in shops—

1926 Feb. 19 Mar. 5. 12. 19. 26

During erection on board vessel—

—

No. of visits

5

Is the approved plan of boiler forwarded herewith for duplicate

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

Boiler has been built under Survey in accordance with the Rules. The materials and workmanship are good and intended for motor vessel 20751.

Boiler has been fitted on board the motor vessel "RIALTO", in accordance with the requirements of the Rules. It has been examined under pressure and found in order, and its safety valves adjusted under steam to lift 100 lbs.

DUAL CLASS

V. Lockrey.

A. Campbell

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

TUES. 26 JUL 1927

WED. 8 JUN 1927

Lloyd's Register of Shipping

FRI. 11 NOV 1927

Survey Fee

...

£

2

: 15

: 6

When applied for,

19

Travelling Expenses (if any)

£

:

:

:

When received,

19

Committee's Minute

GLASGOW

30 MAR 1926

Transmitted

TRANSMIT TO LONDON

007909-007918-0115