

REPORT ON BOILERS.

25 OCT 1924

Shd. No. 28940

Shs No. 43834.

Received at London Office WED JUL 16 1924

Date of writing Report

When handed in at Local Office

11. 7. 24 Port of Glasgow.

No. in Survey held at

Date, First Survey

Last Survey

11. July

1924

Reg. Book.

on the Cochran Boiler No. 9354 M.V. "WEST MOOR"

(Number of Visits)

11

Gross 4369

Net 2646

Master

Built at Sunderland

By whom built

W. Dwyford & Sons

When built 1924

Boilers made at

Annan

By whom made

Cochran & Co. Annan L^d

When made 1924

Owners

Moore Line Ltd

Port belonging to

London

VERTICAL DONKEY BOILER—

No. 9354

Description Cochran Type

Manufacturers of steel

D. Cowell & Sons

Made at Annan

By whom made

Cochran & Co. Annan L^d

When made

1924

Where fixed

ENG. ROOM

Working pressure 120 lbs.

tested by hydraulic pressure to 230 lbs. Date of test 11/7/24

No. of Certificate

6553

Fire grate area

Description of safety valves

Spring

No. of safety valves

2

Area of each

7.07 sq. ft.

Pressure to which they are adjusted

122 lbs.

If fitted with easing gear

YES

If steam from main boilers can

enter the donkey boiler

✓

Dia. of donkey boiler

8' 6"

Length

19' 3"

Material of shell plates

Steel

Thickness

23/32" & 7/8"

Range of tensile

strength

28/32"

Descrip. of riveting long. seams

Double lap

Dia. of rivet holes

1/8"

Whether punched or drilled

drilled

Pitch of rivets

3.0625"

Lap of plating

5/8"

Per centage of strength of joint

Rivets 70.2

Working pressure of shell by rules

25.6 lbs.

Thickness of shell crown plates

21/32" & 1/5"

Radius of do.

4' 3"

No. of Stays to do.

None

Dia. of stays

—

Diameter of furnace Top

8' 6"

Bottom

7' 4"

Length of furnace

10' 6"

Thickness of furnace plates

3/4"

Description of joint

Seamless & square

Working pressure of furnace by rules

140 lbs.

Thickness of furnace crown

plates

3/4"

Radius of do.

plates

3/4" square

Radius of do.

3' 9"

Stayed by

radius

Diameter of uptake

18" x 28 1/2"

Thickness of uptake plates

9/16"

Thickness of water tube plates

front 1/32"

back 1"

The foregoing is a correct description,

Per COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

W. O. Gray

Dates

During progress of work in shops—

1924 May 2, 7, 15, 23, 30 June 6, 13, 19, 27 July 4, 11

of Survey

During erection on board vessel—

while building

Total No. of visits

11

Is the approved plan of boiler forwarded herewith

Yes

Drawing No. 13853. ✓

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

This boiler has been built under Special Survey and the materials tested in accordance with the rules of this Society; the materials and workmanship, as far as can be seen, are sound and good.

This boiler is intended for Messrs. Dwyford & Sons, Contract No. 584.

Annual Survey Request

This boiler has now been fitted and fixed in the vessel in a satisfactory manner, the oil burning installation has been tried under working conditions and found satisfactory.

Survey Fee

...

£

4 : 4 : 0

When applied for

Monthly

Travelling Expenses (if any) £

:

:

When received

Account

Committee's Minute

Assigned

GLASGOW

15 JUL 1924

TRANSMIT TO LONDON

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

A. Campbell

W. O. Gray

Lloyd's Register

JUL 11 NOV 1924

FRI. 31 OCT 1924

011931-011935-0191