

# REPORT ON BOILERS.

No. 18763.

Received at London Office

17 SEP 1927

6/9/27

When handed in at Local Office

14th Sept 1927

Port of

Greenock

REMARKS

Survey held at

Greenock

Date, First Survey

14th February 1926

Last Survey

14th September 1927

(Number of Visits 128)

Gross

Net

Tons

Built at

Glasgow

By whom built

Blythwood & Co. Ltd (14)

When built

1927

made at

Greenock

By whom made

J & W. McArdle & Co. (110)

When made

1927

made at

Lincoln

By whom made

Balcock & Wilson Ltd

When made

1927

and Horse Power

Owners

Port belonging to

WATER TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel

for record

Total Heating Surface of Boilers

Is forced draft fitted

No. and Description of

Working Pressure

Tested by hydraulic pressure to

Date of test

Certificate

Can each boiler be worked separately

Area of fire grate in each boiler

No. and Description of

valves to each boiler

on 2 Double Gung

Area of each valve

3.14

Pressure to which they are adjusted 105

fitted with easing gear

Yes

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

—

distance between boilers or uptakes and bunkers or woodwork

13"

Mean dia. of boilers

Length

of shell plates

Thickness

Range of tensile strength

Are the shell plates welded or flanged

of riveting: cir. seams

long. seams

Diameter of rivet holes in long. seams

each of rivets

plates or width of butt straps

Per centages of strength of longitudinal joint

rivets

Working pressure of shell by

Size of manhole in shell

Size of compensating ring

and Description of Furnaces in each

Material

Outside diameter

Length of plain part

Thickness of plates

crown

tion of longitudinal joint

No. of strengthening rings

Working pressure of furnace by the rules

Combustion chamber

Material

Thickness: Sides

Back

Top

Bottom

Pitch of stays to ditto: Sides

Back

If stays are fitted with nuts or riveted heads

Working pressure by rules

Material of stays

Area at

part

Area supported by each stay

Working pressure by rules

End plates in steam space: Material

Thickness

stays

How are stays secured

Working pressure by rules

Material of stays

Area at smallest part

supported by each stay

Working pressure by rules

Material of Front plates at bottom

Thickness

Material of

back plate

Thickness

Greatest pitch of stays

Working pressure of plate by rules

Diameter of tubes

tubes

Material of tube plates

Thickness: Front

Back

Mean pitch of stays

Pitch across wide

spaces

Working pressure by rules

Girders to Chamber tops: Material

Depth and thickness of

at centre

Length as per rule

Distance apart

Number and pitch of Stays in each

g pressure by rules

Steam dome: description of joint to shell

% of strength of joint

er

Thickness of shell plates

Material

Description of longitudinal joint

Diam. of rivet holes

rivets

Working pressure of shell by rules

Crown plates

Thickness

How stayed

HEATER. Type

Date of Approval of Plan

Tested by Hydraulic Pressure to

Test

Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler

of Safety Valve

Pressure to which each is adjusted

Is Easing Gear fitted

The foregoing is a correct description,

Manufacturer.

During progress of

work in shops --

During erection on

board vessel --

See Machinery Report

Is the approved plan of boiler forwarded herewith

✓

Total No. of visits 128

GENERAL REMARKS

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

This Boiler now  
securely fitted on board ship safely & takes  
water as above.

Survey Fee

£

When applied for

19

Travelling Expenses (if any) £

When received

19

Committee's Minute

TUES. 20 SEP 1927

red

See Gls. 7 E. 1st 2047018

W. Gordon-Murray

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register  
Foundation

W284-0024