

REPORT ON BOILERS.

No. 5514

Received at London Office

THUR. 23 JUL 1908

Date of writing Report

19

When handed in at Local Office

22. 4

Port of

MIDDLESBROUGH-ON-TEES.

No. in Survey held at
Reg. Book. SUPPLEMENT

31

on the

Donkey Boiler No 2386 for SS "Caboda Plata"

Date, First Survey

19th May

Last Survey

16th October 1908

(Number of Visits

9

(Gross

2002

Tons

Net 1323

Master

Built at

Grangemouth

By whom built

The Grangemouth & Grangemouth Works

When built

1908

Boilers made at

Stockton

By whom made

J Sudron & Co Ltd

When made

1908

Owners

Ybarra & Co

Port belonging to

Seville

VERTICAL DONKEY BOILER—

No. One

Description

Vertical 4 cross tubes

Manufacturers of steel J Spence & Son Ltd

Made at Stockton

By whom made

J Sudron & Co Ltd

When made

1908

Where fixed upper deck

Working pressure 100 lbs

tested by hydraulic pressure to 200

Date of test 10. 7. 08

No. of Certificate

4157

Fire grate area

25 $\frac{3}{4}$

Description of safety valves

Direct acting spring loaded

No. of safety valves

2

Area of each

4. 91

Pressure to which they are adjusted

100 lbs

If fitted with easing gear

yes

If steam from main boilers can

enter the donkey boiler

no

Dia. of donkey boiler

6'-6"

Length

13'-6"

Material of shell plates

Steel

Thickness

15/32"

Range of tensile

strength 28/32

Descrip. of riveting long. seams

Z D riv

Dia. of rivet holes

13/16"

Whether punched or drilled

D

Pitch of rivets

2 1/16"

Lap of plating

4 1/4"

Per centage of strength of joint

Rivets 70.3

Working pressure of shell by rules

100.6 lbs

Thickness of shell crown plates

5/8"

Radius of do.

5'-9"

No. of Stays to do.

6

Dia. of stays

1 3/4"

Diameter of furnace Top

5'-4 1/2"

Bottom

5'-10"

Length of furnace

5'-3"

Thickness of furnace plates

2 1/32"

Description of joint

Z riv riv

Working pressure of furnace by rules

104 lbs

Thickness of furnace crown

plates 2 1/32"

Radius of do.

5'-9"

Stayed by

As above

Diameter of uptake

16"

Thickness of uptake plates

7/16"

Thickness of water tubes

3/8"

The foregoing is a correct description,

THOMAS SUDRON & CO. LIMITED.

T. Johnston

Manufacturer.

Dates

During progress of

work in shops - - 1908 May 19 June 11. 22. 23. 29 July 4. 9. 10

of Survey

while

During erection on

board vessel - - - 1908 Oct 16

building

Total No. of visits

9

Is the approved plan of boiler forwarded herewith

yes

GENERAL REMARKS

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

This boiler has been constructed under special survey the materials and workmanship are good and efficient and when tested with hydraulic pressure was found tight and satisfactory. It has been fitted on board the vessel in a satisfactory manner & the safety valves adjusted as above, & is now eligible in our opinion to be classed with the rest of the machinery

Survey Fee £

Travelling Expenses (if any) £

When applied for

28. 11. 08 Monthly &c

When received,

25. 8. 08

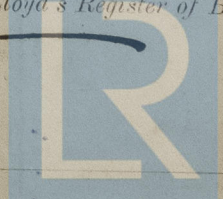
Geo A. Milner & A. J. Graham

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

Committee's Minute

FRI. 20 NOV 1908

Assigned

Lloyd's Register
Foundation

006026-006066-0214