

Rpt. 5b.

REPORT ON BOILERS.

No. 5719

Received at London Office

SAT. 24 APR 1909

Date of writing Report

19

When handed in at Local Office

19th March 1909

Port of Middlesbrough on Tees

No. in
Reg. Book.

Survey held at

Stockton-on-Tees

Date, First Survey

17th Feb 1909

Last Survey

19

on the

Steel Screw Steamer

"Cabo Cullera"

(Number of Visits)

Tons

Gross

Net

Master

Built at

By whom built

When built

Boiler made at

Stockton

By whom made

Messrs Thos. Sudron & Co. Ltd (No 2494)

When made

1909

Owners

Port belonging to

VERTICAL DONKEY BOILER

No. one

Description Port 4 cross tubes

Manufacturers of steel

J. Spencer & Sons

Made at

Stockton

By whom made

Thos. Sudron & Co. Ltd

When made

1909

Working pressure

100 lb

tested by hydraulic pressure to

200

Date of test

8.3.09

No. of Certificate

4298

Fire grate area

25 3/4

Description of safety valves

No. of safety valves

-

Area of each

-

Pressure to which they are adjusted

-

If fitted with easing gear

-

If steam from main boilers can

enter the donkey boiler

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

all Riv Lap

Dia. of rivet holes

13/16"

Whether punched or drilled

drilled

Pitch of rivets

2 1/4"

Lap of plating

4 1/4"

Per centage of strength of joint

Rivets 70.3

Working pressure of shell by rules

100 lbs

Thickness of shell crown plates

5/8"

Radius of do.

5' 9"

No. of Stays to do.

6 off

Dia. of stays

1 1/8"

Diameter of furnace Top

5' 5 1/2"

Bottom

5' 10"

Length of furnace

5' 3"

Thickness of furnace plates

2 1/32"

Description of joint

Long Riv Lap

Working pressure of furnace by rules

100 lbs

Thickness of furnace crown

plates

plates

2 1/32"

Radius of do.

5' 9"

Stayed by

as shell crown

Diameter of uptake

16"

Thickness of uptake plates

1 1/4"

Thickness of water tubes

3/8"

The foregoing is a correct description.

Thomas Sudron & Co. Ltd

(Sgd) R. Johnston

Manufacturer.

Dates

During progress of
work in shops - -

1909.

Feb 17. 22. 25.

Mar. 1. 3. 5. 8.

of Survey

During erection on
board vessel - - -

while

building

Total No. of visits

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 Special Survey in accordance with the approved plan and in general conformity with the Rules. The materials and workmanship are sound & good, and on completion the boiler was tested by hydraulic pressure and found satisfactory.

The boiler has now been forwarded to Bilbao where it is understood it will be fitted on board.

RETAIN

Survey Fee

...

£

:

:

When applied for,

19

Travelling Expenses (if any)

£

:

:

When received,

19

(Sgd) Wm Morrison

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

Committee's Minute

TUES. 27 APR 1909

Assigned

La Minute on Bbo - Rpt

No 2953

W469-0331

Lloyd's Register

Foundation