

REPORT ON BOILERS.

No. 7642.

TUE. NOV. 12. 1912

Received at London Office

Date of writing Report 9.11.12

When handed in at Local Office

11. 11. 12

Port of

MIDDLESBROUGH ON TEES

No. in
Reg. Book.

Survey held at

Stockton-on-Tees

Date, First Survey

2nd May

Last Survey

8th Nov. 1912

7642 on the

SS "Hannah"

(S.S.N. 186)

(Number of Visits 19)

Gross 3697

Net 2321

Master

Built at Newcastle

By whom built

Tyne Iron & Steel Co.

When built

1912

Boilers made at

Stockton

By whom made

Messrs. Thos. Hudon & Co. (No. 3075)

When made

1912

Owners

Fransy Rahtkens & Co.

Port belonging to

Middlesbrough

VERTICAL DONKEY BOILER—

No. one

Description

Horace Patent

Manufacturers of steel

South Durham (Kutler?)

Made at Stockton

By whom made Messrs. Thos. Hudon & Co.

When made

1912

Where fixed

stockhold

tested by hydraulic pressure to

200

Date of test

6.11.12

No. of Certificate

4978

Fire grate area

40 sq

Description of safety valves

direct spring

No. of safety valves

2

Area of each

8.29 sq

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

8'-6"

Length

16'-0"

Material of shell plates

steel

Thickness

5/8"

strength 28-32

Descrip. of riveting long. seams

3 Riv lap

Dia. of rivet holes

15/16

Whether punched or drilled

drilled

Pitch of rivets

3 1/2"

Lap of plating

6 1/2"

Percentage of strength of joint

80.0

Working pressure of shell by rules

117

Thickness of shell crown plates

5/8"

Radius of do.

4'-3"

No. of Stays to do.

none

Dia. of stays

Thick. Com. chamber

13"

Bottom

13"

Radius of do.

4'-9"

Thickness of furnace plates

3/4"

Description of joint

Single lap

Working pressure of furnace by rules

110 lbs

Thickness of furnace crown

plates

3/4"

plates

3/4"

Radius of do.

3'-10 1/2"

Stayed by

dished

Diameter of uptake

24"

Thickness of uptake plates

9/16"

Thickness of water tubes

3/8"

b.b. outlet 23" dia x 5/8"

The foregoing is a correct description,

THOMAS HUDON & CO. LIMITED.

Manufacturer.

Dates

During progress of

work in shops

19th May, 27.10.14, June 4.6.18.27, July 4.18.19, Aug. 1.8.

Sept. 17.24.27, Oct. 9.24, Nov. 6.

Survey

During erection on

board vessel

while

building

Total No. of visits

19

(See Newcastle Report No. 64031)

Is the approved plan of boiler forwarded herewith

yes

GENERAL REMARKS

This boiler has been built under special survey, is of good material and workmanship, and on completion was tested by hydraulic pressure with satisfactory results.

Survey Fee

£ 2-2-0

When applied for,

19

Travelling Expenses (if any)

£

When received,

19

MONTHLY A/c.

SURVEY

NO.

REQUEST

ATTACHED.

Wm Morrison & Cooper

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

Committee's Minute

FRI. APR. 13. 1913

Assigned

see minute

on Mat. Rpt 7824



© 2021

Lloyd's Register
Foundation

WS24-0073