

REPORT ON BOILERS.

No. 33976.
SAT. JUL. 24. 1915

Received at London Office

5b.

of writing Report

19

When handed in at Local Office

12. 5-

10

Port of Glasgow

Survey held at

Annan

Date, First Survey

19. 3. 14

Last Survey

6. 5-

1914

Book

for 8. 5. 14 the Boiler No. 6537

J. S. Abellia

(Number of Visits

7

Gross

3680

Net

2318

Builder

Davies

Built at

Newcastle

By whom built

Armstrong Whitworth & Co.

When built

1915

Boilers made at

Annan

By whom made

Cochran & Co. Annan Ltd

When made

1914

Company

Flower Motu Ship Co.

Port belonging to

London

VERTICAL DONKEY BOILER

No. 6537

Description Cochran Patent Manufacturers of steel D. Colville & Son Ltd

Boiler at

Annan

By whom made

Cochran & Co.

When made

1914

Where fixed on deck

Working pressure 100 lb

Tested by hydraulic pressure to

200 lb

Date of test

6/5/14

No. of Certificate

2697

Fire grate area

22.5 sq ft

Description of safety valves

2 direct spring

of safety valves

2

Area of each

4.9 sq in

Pressure to which they are adjusted

100 lb

If fitted with easing gear

Yes

If steam from main boilers can

the donkey boiler

Yes

Dia. of donkey boiler

6.6 in

Length

16.7 in

Material of shell plates

steel

Thickness

3/32 in

Range of tensile

19, 32

Pitch of rivets

2.5 in

of plating

4.3 in

Per centage of strength of joint

71.1

Working pressure of shell by rules

105 lb

Thickness of shell crown plates

7/16 in

Radius

2.9 in

Length of furnace

3.7 in

Radius of do.

3.3 in

No. of Stays to do

4

Dia. of stays

1/2 in

Working pressure of furnace by rules

100 lb

Thickness of furnace crown

9/16 in

Thickness of furnace plates

1/2 in

Radius of do.

2.9 in

Stayed by

Thickness of water tubes

1/16 in

Radius of do.

2.9 in

Stayed by

1/16 in

Diameter of uptake

15 x 23 in

Thickness of uptake plates

9/16 in

Thickness of uptake plates

9/16 in

Thickness of uptake plates

9/16 in

Thickness of uptake plates

9/16 in

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

Dates

During progress of work in shops

1914 - Mar 19. Apr 2. 9. 17. 21. May 1. 6

Survey

During erection on board vessel

while

board vessel

building

Total No. of visits

7

Is the approved plan of boiler forwarded herewith

Yes 2-10212

GENERAL REMARKS

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

This boiler has been constructed under Special Survey & is of good materials & workmanship. It is to the order of The Wallsend Shipway Co. for their No. 726.

Survey request form

No. 1095 attached

Survey Fee

£ 2 : 2 :

When applied for

10

Travelling Expenses (if any)

£ :

When received

19

MONTHLY ACCOUNT

H. Gardner-Smith & Co. Liverpool

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

FRI. AUG. 13. 1915

Committee's Minute GLASGOW 12 MAY. 1914

Assigned TRANSMIT TO LONDON



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