

REPORT ON BOILERS.

No. 35994.

WED. 17 MAY. 1916

Received at London Office

of writing Report May 9th 1916 When handed in at Local Office

19 Port of Glasgow.

Survey held at Annan

Date, First Survey

5/4/16

Last Survey

May 9th

1916

Book. on the Donkey Boiler for the "S.S. MUDELA. No 2"

(Number of Visits 5)

Gross

Tons

Net

Built at

By whom built

When built

Made at Annan

By whom made Buchanan & Co Annan Ltd

When made 1916

ers

Port belonging to

RTICAL DONKEY BOILER— No. 7041 Description Buchanan Manufacturers of steel Glasgow & Co Steel Co

Made at Annan

By whom made Buchanan

When made 1916

Where fixed

Working pressure 100

Tested by hydraulic pressure to 200 Date of test 8/5/16

No. of Certificate 3412

Fire grate area 22.54

Description of safety valves

Description of safety valves

Area of each

Pressure to which they are adjusted

If fitted with easing gear

If steam from main boilers can

the donkey boiler

Dia. of donkey boiler 6'6"

Length 14'6"

Material of shell plates Steel

Thickness $\frac{1}{2}$ " & $\frac{19}{32}$ "

Range of tensile

Length 28'2" Descrip. of riveting long. seams Q.R. lap.

Dia. of rivet holes $2\frac{1}{32}$ "

Whether punched or drilled Drilled Pitch of rivets

of plating $4\frac{1}{8}$ "

Per centage of strength of joint

Rivets 70.1%

Plates 67%

Working pressure of shell by rules 100 lbs

Thickness of shell crown plates $7\frac{1}{16}$ " & $2\frac{1}{32}$ "

Radius of do. 39"

No. of Stays to do. nil

Dia. of stays

Diameter of furnace Top Radius Bottom 66"

Length of furnace 43'4"

Thickness of furnace plates $\frac{1}{2}$ " & $2\frac{1}{32}$ "

Description of joint

Working pressure of furnace by rules 100.

Thickness of furnace crown

Radius of do. $\frac{1}{2}$ "

Radius of do. 33"

Stayed by Hemispher

Diameter of uptake 15x23"

Thickness of uptake plates $9\frac{1}{16}$ "

Thickness of water tubes Plates

F $1\frac{3}{16}$ "B $2\frac{1}{32}$ "

The foregoing is a correct description.

For BUCHANAN & CO., ANNAN, LIMITED Manufacturer.

Dates During progress of work in shops 1916 Apr 5-14-18-26 May 8.

Survey During erection on board vessel

While building

Total No. of visits

5

Is the approved plan of boiler forwarded herewith

Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The material & workmanship

good. The boiler has been built under special survey

Survey request form

No. 1356 attached

Survey Fee ... £ 2 : 2 :

Travelling Expenses (if any) £ : :

When applied for, 1916

When received, 19

MONTHLY ACCOUNT.

Committee's Minute

GLASGOW

16 MAY. 1916

Assigned TRANSMIT TO LONDON

FRI. 27 OCT. 1916

FRI. JAN. 1917

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

William H. Popeman



Lloyd's Register Foundation

010624 - 010630 - 0087