

REPORT ON BOILERS.

No. 38319.

WED. 20 NOV. 1918

Date of writing Report 16th Nov 18 When handed in at Local Office

Port of

Glasgow.

No. in Survey held at

Annan

Date, First Survey 13/9/18

Last Survey

15th Nov 18

1918

g. Book.

on the Donkey Boiler No. 11089 for Standard Coal C. 3 Type.

Number of Visits 7

Gross

Tons

Net

Built at Ardrossan

By whom built Ardrossan Ship & Dry Dock Co.

When built 1919

Boilers made at Annan

By whom made Cochran & Co. Annan, Ltd

When made 1918

Boilers made at Messrs Lang & Fulton

Port belonging to Greenock.

VERTICAL DONKEY BOILER

No. 11089

Description Cross. Tube.

Manufacturers of steel Steel Coy of Scotland.

Made at Annan By whom made Cochran & Co

When made 1918

Where fixed

Working pressure 80 lbs

Tested by hydraulic pressure to 160

Date of test 15/11/18

No. of Certificate 11525

Fire grate area 132 1/2

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

the donkey boiler

Dia. of donkey boiler 5'-0"

Length 11'-0"

Material of shell plates Steel

Thickness 13/32

Range of tensile

Length 28/32

Descrip. of riveting long. seams DR Lap

Dia. of rivet holes 25/32

Whether punched or drilled drilled

Pitch of rivets 2 7/16

of plating 3 7/8

Per centage of strength of joint

Rivets 732

Working pressure of shell by rules 109

Thickness of shell crown plates 9/16

Diameter of do. 4'-9"

No. of Stays to do. none

Dia. of stays

Diameter of furnace Top 46 1/2

Bottom 51 1/2

Length of furnace 30 3/4 + 2 7/8

Thickness of furnace plates 17/32

Description of joint Sing Riv Lap

Working pressure of furnace by rules 131

Thickness of furnace crown

Radius of do. 4'-9"

Stayed by Arched rafter

Diameter of uptake 14"

Thickness of uptake plates 1/2

Thickness of water tubes 7/16

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

H. E. Woodham

During progress of work in shops - 1918 Sept 13-27 Oct 4-18-25 Nov 8-15

During erection on board vessel -

Total No. of visits 7

Drawing No 11676

Is the approved plan of boiler forwarded herewith Yes

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

The boiler has been built under Special Survey.

The workmanship and materials are good.

The boiler has now been fitted on board & tried under steam satisfactorily.

(Glasgow Report No 38834)

S. J. ARDGANTOCK

Survey request form

C1532 attached

Survey Fee ... £ : : When applied for, 19

Travelling Expenses (if any) £ : : When received, 19

Committee's Minute GLASGOW 19 NOV 1918

Signed TRANSMIT TO LONDON

Peter M. Grogan M. Murray

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

See Glasgow Report GLASGOW

No 38834

17 JUN 1919

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