

REPORT ON BOILERS.

No. 38319.

WED. 20 NOV. 1918

Received at London Office

Date of writing Report 16th Nov 1918 When handed in at Local Office 10 Port of Glasgow

No. in Survey held at Annan Date, First Survey 13/9/18 Last Survey 15th Nov 1918

on the Donkey Boiler No. 11089 for Standard Coaster 'C' 3 Type. (Number of Visits 7) Tons } Gross
 } Net

By whom built Ardrassan By whom made Cochran & Co. Annan, Ltd When built 1919

When made 1918

By whom made Cochran & Co. Annan, Ltd When made 1918

Port belonging to Greenock

VERTICAL DONKEY BOILER No. 11089 Description Cross. Tube Manufacturers of steel Steel Coy of Scotland

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 1/4 Description of safety valves

Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can be used

Dia. of donkey boiler 5'-0" Length 11'-0" Material of shell plates Steel Thickness 13/32 Range of tensile strength 28/32 Descrip. of riveting long. seams DK Lap Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2 7/16

Per centage of strength of joint Rivets 7/32 Working pressure of shell by rules 109 Thickness of shell crown plates 9/16

No. of Stays to do. None Dia. of stays Diameter of furnace Top 46 1/2 Bottom 51 1/2 Length of furnace 30 1/4 + 27 1/2 one end of stays

Description of joint Single Riv Lap Working pressure of furnace by rules 131 Thickness of furnace crown plates 7/8 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 - 7

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) SP ARDGANTOCK

Survey request form

C1532 attached

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

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

Peter M Gregor H. Murray
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute **GLASGOW 19 NOV 1918**

TRANSMIT TO LONDON

See Glasgow Report **GLASGOW**

No 38834

17 JUN 1919

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