

5b.

REPORT ON BOILERS.

No. 33204

Received at London Office WED. OCT. 8 - 1913

WED. OCT. 8 - 1913

WED. MAR. 25. 1914

Date of writing Report 4-10-1913 When handed in at Local Office 4.10.13 Port of Glasgow

Survey held at Annan Date, First Survey 14.8.13 Last Survey 3-10-1913

on the donkey Boiler for S.S. "Streatham" (Mun. Nos & Duncan E954) Tons } Gross 1207
Net 600

Built at Dublin By whom built Dublin Dockyard Co. Ld. When built 1914

made at Annan By whom made Cochran & Co. Annan Ld. When made 1913

Port belonging to Dublin

VERTICAL DONKEY BOILER— No. 6284 Description Cochran Manufacturers of steel Stewart & Lloyd
 Made at Annan By whom made Cochran & Co. When made 1913 Where fixed Stokerhold Working pressure 90
 Tested by hydraulic pressure to 180 Date of test 3-10-13 No. of Certificate 12341 Fire grate area 18.7 Description of safety valves Spring loaded
 No. of safety valves 1 Area of each 9.62 sq. ft. Pressure to which they are adjusted 90 If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler No Dia. of donkey boiler 6-0 Length 12-6 Material of shell plates S Thickness $\frac{7}{16}$ Range of tensile
 strength 28-32 Descrip. of riveting long. seams dl Dia. of rivet holes $\frac{25}{32}$ Whether punched or drilled d Pitch of rivets $\frac{2-55}{2-56}$
 Kind of plating 3/8 Per centage of strength of joint Rivets 72 Working pressure of shell by rules 98 Thickness of shell crown plates $\frac{13}{32}$ - $\frac{25}{32}$
 Diameter of do. 3-0 No. of Stays to do. None Dia. of stays $\frac{1}{2}$ Diameter of furnace Top 2-6 Bottom $\frac{1}{2}$ Length of furnace 3-4 $\frac{3}{8}$
 Thickness of furnace plates $\frac{1}{2}$ - $\frac{25}{32}$ Description of joint hemispherical & R¹ R² Working pressure of furnace by rules 93 Thickness of furnace crown
 plates $\frac{1}{2}$ Radius of do. 2-6 Stayed by hemispherical Diameter of uptake 13 x 19 $\frac{1}{2}$ Thickness of uptake plates $\frac{7}{16}$
 Thickness of water tubes Plate F $\frac{3}{4}$ B $\frac{5}{8}$

The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED. Manufacturer.

During progress of work in shops -- 1913 Aug 14, 22, 28, Sept 4, 12, 19, Oct 3
 During erection on board vessel ---
 Total No. of visits 7

Is the approved plan of boiler forwarded herewith Yes 9857

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

The material & workmanship is good.
 The boiler has been built under special survey

Survey request form

No. 915 attached

The boiler has been fitted into the vessel in a satisfactory manner

H. A. H.
4-3-14

Survey Fee ... £ 2 : 2 : } When applied for, ... 19
 Travelling Expenses (if any) £ : : } When received, ... 19

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

GLASGOW 7-OCT. 1913

GLASGOW 24 MAR. 1914

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Committee's Minute Assigned Transmit to London

See G.S. Rpt. No. 33776

Lloyd's Register Foundation