

## REPORT ON BOILERS.

No. 33204

Received at London Office

WED. OCT. 8-1913

of writing Report 4-10-1913 When handed in at Local Office

4.10.1913 Port of Glasgow

WED. MAR. 25-1914

Survey held at Annan Date, First Survey 14.8.13 Last Survey 3-10-1913  
 on the donkey Boiler for S.S. "Streatham" (Hull. Nos. & Duns. E954) Tons Gross 1207 Net 600  
 Built at Dublin By whom built Dublin Dockyard & Co. When built 1914  
 Made at Annan By whom made Cochran & Co. Annan Ltd. 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 Smokehold 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  
 of safety valves 1 Area of each 9.62 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  
 length 28-32 Descrip. of riveting long. seams d Dia. of rivet holes  $\frac{25}{32}$  Whether punched or drilled d Pitch of rivets  $\frac{2-55}{2-56}$   
 of plating  $\frac{37}{8}$  Percentage of strength of joint Rivets 72 Working pressure of shell by rules 98 Thickness of shell crown plates  $\frac{13}{32}$  -  $\frac{25}{32}$   
 Dia. of do. 3-0 No. of Stays to do. None Dia. of stays 1 Diameter of furnace Top 2-6 Bottom Length of furnace 3-4  $\frac{3}{8}$   
 Thickness of furnace plates  $\frac{1}{2}$  -  $\frac{25}{32}$  Description of joint hemispherical & R<sup>1</sup> R<sup>2</sup> 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  $\frac{9}{16}$   
 Thickness of water tubes Plate F  $\frac{3}{4}$  B  $\frac{5}{8}$

The foregoing is a correct description,

For COCHRAN &amp; 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, &amp;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

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

Committee's Minute

GLASGOW 7-OCT. 1913

GLASGOW 24 MAR. 1914

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Assigned Transmit to London

See Gen. Rpt. No. 33776

Lloyd's Register  
W156-0116  
Foundation