

REPORT ON BOILERS.

No. 31262.

Date of writing Report 23-3-1912 When handed in at Local Office 26-3-1912 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 22-12-11 Last Survey 22-3-1912
 Reg. Book. on the Donkey Boiler for (Main Donkey Brenner & Co. Eng 270) Tons Gross Net
 Master Built at By whom built When built
 Boiler made at Annan By whom made Cochran & Co. Annan Ltd When made 1912
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. 5505 Description Cochran Pat^d Manufacturers of steel W Beaman & Co
 Made at Annan By whom made Cochran & Co When made 1912 Where fixed Working pressure 100
 tested by hydraulic pressure to 200 Date of test 22-3-12 No. of Certificate 11491 Fire grate area 22-5 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
 enter the donkey boiler Dia. of donkey boiler 6-6 Length 14-6 Material of shell plates S Thickness $\frac{1}{2}$ - $\frac{19}{32}$ Range of tensile
 strength 28-32 Descrip. of riveting long. seams dl Dia. of rivet holes $\frac{22}{32}$ Whether punched or drilled d Pitch of rivets 2-67
 Lap of plating $4\frac{1}{2}$ Per centage of strength of joint Rivets 71-1 Working pressure of shell by rules 106 Thickness of shell crown plates $\frac{7}{16}$ - $\frac{3}{4}$
 Radius of do. 3-3 No. of Stays to do. 2 Dia. of stays 2-9 Diameter of furnace Top 2-9 Bottom Length of furnace 3-74
 Thickness of furnace plates $\frac{7}{16}$ - $\frac{3}{4}$ Description of joint hemisph. & R^d R^d Working pressure of furnace by rules 102 Thickness of furnace crown
 plates $\frac{7}{16}$ Radius of do. 2-9 Stayed by hemisph. Diameter of uptake 13 x 22 Thickness of uptake plates $\frac{7}{16}$
 Thickness of water tubes Plate F $\frac{13}{16}$ B $\frac{23}{32}$

The foregoing is a correct description.

FOR COCHRAN & CO., ANNAN, LTD. Manufacturer.

Dates of Survey while building
 During progress of work in shops - - 1911 Dec^r 22. 1912 Jan^y 9. 16. 19. Feb^y 2. 9. 16. 23.
 During erection on board vessel - - - - - Mar 22
 Total No. of visits 9.

DIRECTOR.

Is the approved plan of boiler forwarded herewith *Yes*

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

Draw^g 7751

The Material & Workmanship is good.
 The boiler has been built under special survey.

Survey request form

No. 6583 attached

Survey Fee ... £ 2 : 2 : } When applied for, Monthly 1912
 Travelling Expenses (if any) £ : : } When received, 19

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

Committee's Minute GLASGOW 26 MAR. 1912

Assigned Transmit to London.

FRI. SEP. 20. 1912

Lloyd's Register
Foundation

W186-0074