

REPORT ON BOILERS.

No. 34744

Received at London Office WED. JAN. 20. 1915

Date of writing Report 13-1-1915 When handed in at Local Office

Port of Glasgow

Date, First Survey 28/12/14 Last Survey 12-1-1915

(Number of Visits 3) Gross

No. in Reg. Book 3645 on the Donkey Boiler for S.S. "FAIRMUIR" (Lidgerwood & Co. Ltd. 447) Tons Net

Master Thuchie Built at Annan By whom built Annan & Co. Ltd. When built 1915

Boilers made at Annan By whom made Cochran & Co. Ltd. When made 1915

Owners James Inglis & Co Port belonging to Glasgow

VERTICAL DONKEY BOILER— No. 6706 Description Cochran Manufacturers of steel Shue & Co. of Scotland
 Made at Annan By whom made Cochran & Co. When made 1915 Where fixed Household Working pressure 100
 tested by hydraulic pressure to 200 Date of test 12-1-15 No. of Certificate 12993 Fire grate area 16.75 Description of safety valves Pair spring loaded
 No. of safety valves 2. Area of each 5 sq. Pressure to which they are adjusted 105 lbs. If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 5-6 Length 12-3 Material of shell plates S Thickness $\frac{1}{2}$ 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 $\frac{2-5}{2-69}$
 Lap of plating $3\frac{7}{8}$ Per centage of strength of joint Rivets 69 Plates 68.7 Working pressure of shell by rules 106 Thickness of shell crown plates $\frac{13}{32}$ $\frac{43}{64}$
 Radius of do. 2-9 No. of Stays to do. none Dia. of stays $\frac{1}{2}$ Diameter of furnace Top 2-4 $\frac{1}{2}$ Bottom Length of furnace 3-3 $\frac{3}{4}$
 Thickness of furnace plates $\frac{1}{2}$ $\frac{43}{64}$ Description of joint hemispherical R¹ R² Working pressure of furnace by rules 100 Thickness of furnace crown plates $\frac{1}{2}$ Radius of do. 2-4 $\frac{1}{2}$ Stayed by hemispherical Diameter of uptake 13 x 19 $\frac{1}{2}$ Thickness of uptake plates $\frac{1}{2}$
 Thickness of water tubes Plate F. $\frac{23}{32}$ B. $\frac{19}{32}$

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

Manufacturer.

Dates During progress of work in shops- 1914 Dec 18-28-1915-Jan 12
 of Survey During erection on board vessel - -
 while building Total No. of visits 3

Is the approved plan of boiler forwarded herewith Yes 8921

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. 1204 attached

Boiler despatched to Ardrossan.

This boiler has been securely fitted aboard and its safety valve adjusted under steam

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

MONTHLY ACCOUNT.

John H. Heck

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

Committee's Minute

GLASGOW

19 JAN. 1915

GLASGOW

23 MAR. 1915

Assigned TRANSMIT TO LONDON

See Gls. Rpt. No. 34744

Lloyd's Register Foundation

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