

WFD. 14 MAY. 1924

Shd. No. 28808

Shd. No. 43365

WFD. 20 FEB. 1924

REPORT ON BOILERS.

Received at London Office

5b. of writing Report 15th Feb 1924 When handed in at Local Office 16th Feb 1924 Port of Glasgow Shd. 11th May 1924
 No. in Survey held at Annan Date, First Survey 15. 6. 1923 Last Survey 15. 2. 1924
 on the Boiler No. 9194 M.V. "SILVERELM." (Number of Visits 9) Gross 4351 Tons Net 2638
 Built at Sunderland By whom built W. D. Forster & Co., Ltd. (No. 79) When built
 By whom made Cochran & Co., Annan Ltd. No. 9194 When made 1924
 Port belonging to London

VERTICAL DONKEY BOILER— No. One Description Cochran Manufacturers of steel Dobell & Sons, Ltd.
 Made at Annan By whom made Cochran & Co., Annan Ltd. When made 1924 Where fixed Engine Room Working pressure 100 lbs./sq. in.
 Tested by hydraulic pressure to 200 lbs./sq. in. of test 15. 2. 24 No. of Certificate 1425 Fire grate area 31.5 sq. ft. Description of safety valves Spring
 of safety valves 2 Area of each 7.07 sq. in. Pressure to which they are adjusted 105 lbs. If fitted with easing gear YES If steam from main boilers can
 enter the donkey boiler ✓ Dia. of donkey boiler 7.6" Length 18.9" Material of shell plates Steel Thickness $\frac{17}{32}$ to $\frac{21}{32}$ Range of tensile 285 to 288
 Length 28.32" Descrip. of riveting long. seams DR Lap Dia. of rivet holes $\frac{29}{32}$ Whether punched or drilled drilled Pitch of rivets 2.88
 of plating 4.2" Per centage of strength of joint Rivets 70.1 Plates 65 Working pressure of shell by rules 104 lbs./sq. in. Thickness of shell crown plates $\frac{15}{32}$ to $\frac{29}{32}$
 Radius of do. 3.9" No. of Stays to do. None Dia. of stays — Diameter of furnace Top Hemisphere Bottom 6.6" Length of furnace 3.43"
 Thickness of furnace plates $\frac{9}{16}$ Description of joint Seamless Working pressure of furnace by rules 120 lbs./sq. in. Thickness of furnace crown
 of do. Ogee Ring $\frac{32}{16}$ 3.3" Stayed by Hemisphere Diameter of uptake 21.25" Thickness of uptake plates $\frac{9}{16}$
 Thickness of water tube plates $\frac{15}{16}$ F. $\frac{15}{16}$ S. $\frac{15}{16}$

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
Thomas Wally

Dates During progress of work in shops— 1923 Jun 15 29 Jul 27 Aug 3. 10. 24 Oct 5. 17 1924 Jan 15
 of Survey During erection on board vessel—
 while building Total No. of visits 9

Drawing No. 13453

Is the approved plan of boiler forwarded herewith Yes.

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

This boiler has been constructed under special Survey in accordance with the Rules and Approved Plan; the materials and workmanship are good. The boiler is being forwarded to Sunderland to be fitted in the vessel.

Annual Survey Request

This boiler has now been fitted and fixed in vessel in a satisfactory manner and the oil fuel installation kept under working conditions with satisfactory results

Survey Fee ... £ 4 : 4 : } When applied for 19
 Travelling Expenses (if any) £ : : } When received 19

R. B. Forster & Co. Ltd.
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
 Assigned

GLASGOW 19 FEB 1924
 TRANSMIT TO LONDON

TUE 20 MAY. 1924

Lloyd's Register
 Foundation