

REPORT ON BOILERS.

Sld. No. 28918
Sls No. 43777

Received at London Office WED. JUL. 21 1924

Date of writing Report 27th June, 1924 When handed in at Local Office 27th June, 1924 Port of Glasgow

No. in Survey held at Annan Date, First Survey 2-5-24 Last Survey 27.6.1924

Reg. Book. on the Cochran Boiler No. 9363 ✓ MOTOR SHIP "VINEMOOR" (Number of Visits 9) Gross 4809 Tons Net 2646

Master Built at Sunderland By whom built W. Duxford & Sons When built 1924

Boilers made at Annan By whom made Cochran & Co., Annan Ltd. When made 1924.

Owners Moor Line, Ltd. Port belonging to London

VERTICAL DONKEY BOILER— No. 696 ✓ Description Cochran ✓ Manufacturers of steel D. Colville & Sons, Ltd. PORTSIDE

Made at Annan ✓ By whom made Cochran & Co., Annan Ltd. When made 1924 Where fixed Eng. Room Working pressure 120 lb/5"

tested by hydraulic pressure to 220 lb/5" Date of test 27.6.24 No. of Certificate 16527 Fire grate area Oil fired Description of safety valves Spring

No. of safety valves 2 Area of each 7.07 Pressure to which they are adjusted 122 4/5 If fitted with easing gear YES If steam from main boilers can enter the donkey boiler ✓

Dia. of donkey boiler 8'-6" ✓ Length 19'-3" ✓ Material of shell plates Steel ✓ Thickness 23" 7/8 ✓ Range of tensile strength 28 3/2 tons ✓

Descrip. of riveting long. seams DR. Lap ✓ Dia. of rivet holes 1 1/8" ✓ Whether punched or drilled Drilled ✓ Pitch of rivets 3.24" 3/8" ✓

Lap of plating 5-3/8" Per centage of strength of joint Rivets 70.2 Plates 63.2 Working pressure of shell by rules 125 lbs/5" Thickness of shell crown plates 2 1/2" 1 1/8" ✓

Radius of do. 4'-3" No. of Stays to do. 9 one ✓ Dia. of stays — Diameter of furnace Top Hemisphere Bottom 7'-6" Length of furnace 3'-6" ✓

Thickness of furnace plates 3/4" ✓ Description of joint Seamless & Age Ring ✓ Working pressure of furnace by rules 140 lbs/5" Thickness of furnace crown plates 3/4" ✓

Radius of do. 3'-9" ✓ Stayed by Hemisphere Diameter of uptake 18" 28 1/2" Thickness of uptake plates 9/16" ✓

Thickness of water tube plates 1 1/2" A. ✓

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

Dates of Survey while building

During progress of work in shops— 1924 May 2.7.15.23.30 Jun 6.13.19.27

During erection on board vessel —

Total No. of visits 9.

Drawing No. 13853. ✓

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.

This boiler is to the order of Messrs. W. Duxford & Sons, Ltd., Sunderland, their Contract No. 682.

This Boiler has now been fitted & fired in the vessel in a satisfactory manner, the oil burning installation has been tried under working conditions & found satisfactory

Annual Boiler Survey

Survey Fee ... £ 4 : 4 : 0 When applied for, Monthly

Travelling Expenses (if any) £ : : When received, Account

R. B. Forster & G. A. Hall
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW -1 JUL. 1924

Assigned TRANSMIT TO LONDON

FRI. 3 OCT 1924

FRI. 10 OCT 1924

Lloyd's Register
Foundation
W 92-0070