

REPORT ON BOILERS.

Sld. No. 28918
Sls. No. 43779

Received at London Office WED. JUL 2 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 15.5.24 Last Survey 27.6.1924

Reg. Book. on the Cochrane Boiler No 9392 MOTOR SHIP "VINEMOOR" (Number of Visits 7) Gross 4369 Tons Net 2646

Master Moore Line, Ltd. Built at Sunderland By whom built W. Doxford & Sons When built 1924

Boilers made at Annan By whom made Cochrane Co., Annan, Sd. When made 1924

Owners Moore Line, Ltd. Port belonging to London

VERTICAL DONKEY BOILER No. One Description Cochrane Manufacturers of steel D. Colville & Sons, Ltd. STARKSIDE

Made at Annan By whom made Cochrane Co., Annan, Sd. When made 1924 Where fixed Engine Room Working pressure 120 lbs/sq

tested by hydraulic pressure to 230 lbs/sq Date of test 27.6.24 No. of Certificate 6539 Fire grate area Oil fired Description of safety valves Spring

No. of safety valves 2 Area of each 4.91 Pressure to which they are adjusted 122 lbs If fitted with easing gear YES If steam from main boilers can enter the donkey boiler ✓

Dia. of donkey boiler 6'-6" Length 16'-3" Material of shell plates Steel Thickness 17/32" & 21/32" Range of tensile strength 28,823

Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 29/32" Whether punched or drilled drilled Pitch of rivets 2.76"

Lap of plating 4 1/2" Per centage of strength of joint Rivets 71.5 Plates 67.2 Working pressure of shell by rules 124 lbs/sq Thickness of shell crown plates 15/32" & 15/16"

Radius of do. 3'-3" No. of Stays to do. None Dia. of stays - Diameter of furnace Top Hemisphere Bottom 5'-6" Length of furnace 2'-10 1/4"

Thickness of furnace plates 9/16" Description of joint Seamless Ogee Ring Working pressure of furnace by rules 141 lbs/sq Thickness of furnace crown plates 9/16" Radius of do. 2'-9" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"

Thickness of water tube plates 31/32" F. & 7/8" B.

The foregoing is a correct description,
THE COCHRANE & CO., ANNAN, LIMITED Manufacturer.
Thomas Wally

Dates of Survey while building

During progress of work in shops - -	} 1924 May 15, 23, 30 Jun 6, 13, 19, 27	
		During erection on board vessel - -
		Total No. of visits <u>7</u>

Drawing No. 13875

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. Wm. Doxford & Sons, Ltd., Sunderland, their Contract No. 582.

This boiler has been fitted & fixed in the vessel in a satisfactory manner, the oil burning installation has been tried under working conditions and found satisfactory.

Annual Boiler Survey

Survey Fee £ 4 : 4 : 9 When applied for Monthly

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

A. B. Gordon & Co. Ltd.
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 92-0071