

REPORT ON BOILERS

No. 11834

Received at London Office

21 FEB. 1924

Writing Report 13/2/24 19 When handed in at Local Office 20.2. 19 24 Port of MIDDLESBRO
 Survey held at Annan & Middlesbrough Date, First Survey See below Last Survey 19
 on the Boilers Nos 8994 8995 Motor Vessel SYCAMORE
 Built at Haverton Hill By whom built Furness S.B. Co Lim (No 31) When built 1924
 Made at Annan By whom made Cochran & Co (Annan) Lim When made 1922
 Port belonging to

VERTICAL DONKEY BOILER

No. 8994 8995

Description Cochran

Manufacturers of steel D. Colville & Sons Lim

at Annan By whom made Cochran & Co When made 1922 Where fixed off end by Room Working pressure 120 lbs
 by hydraulic pressure to 230 Date of test 15.12.22 No. of Certificate 16160 Fire grate area 41 sq Description of safety valves Direct Spring
 safety valves 2 Area of each 7.07 sq Pressure to which they are adjusted 125 lbs If fitted with easing gear yes If steam from main boilers can
 the donkey boiler Dia. of donkey boiler 8'-6" Length 18'-9" Material of shell plates steel Thickness 4" + 7" Range of tensile
 28-32 Descrip. of riveting long. seams S.R. lap Dia. of rivet holes 1 1/2" Whether punched or drilled drilled Pitch of rivets 2.92
 of plating 5" Per centage of strength of joint Rivets 63.8 Plates 64.6 Working pressure of shell by rules 121 lbs Thickness of shell crown plates 5/8 + 1/8
 of do. 4'-3" No. of Stays to do. none Dia. of stays 1" Diameter of furnace Top Hemisph Bottom 7'-5 1/2" Length of furnace 3'-6"
 of furnace plates 3/4 + 1/8 Description of joint Seamless + Open Ring Working pressure of furnace by rules 140.7 lbs Thickness of furnace crown
 3/4 Radius of do. 3'-9" Stayed by Hemisph Diameter of uptake 18 x 28 1/2 Thickness of uptake plates 5/8"
 of water tubes plates F = 1 3/32 B = 1 1/32
 The foregoing is a correct description,
 See Glasgow Reports Manufacturer.

During progress of work in shops - See Glasgow Reports Nos 42331 + 42383
 During erection on board vessel - See W.H.P.C F.E. Rpt No. 16144 and M.B. completion Rpt No. 11838
 Total No. of visits Is the approved plan of boiler forwarded herewith Yes

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

Boilers built under special survey as per Glasgow Reports Nos 42331 + 42383.

The boilers are fitted for burning oil fuel on the White system. The oil fuel burning arrangements have been fitted and tested in accordance with the Rules.

The boilers have been satisfactorily secured on board, examined under steam and safety valves adjusted.

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

Wm Morrison

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

Committee's Minute TUE 26 FEB 1924

FRI MAR 21 1924

signed

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