

pt. 5b.

REPORT ON BOILERS.

No. 43533

25 FEB 1925

Date of writing Report 4th April 1924 When handed in at Local Office 7th April 1924 Port of Glasgow Received at London Office WED. APR. 4 1924

No. in Survey held at Annan Date, First Survey 2.11.23 Last Survey 4.4.1924

Reg. Book. Bochran Boiler No 9159 "ENTON" (Number of Visits 10)

Master Built at By whom built Tons

Boilers made at Annan By whom made Bochran & Co., Annan Ltd. When built

Owners When made 1924 Port belonging to

VERTICAL DONKEY BOILER— No. One Description Bochran Manufacturers of steel Debolville & Sons, Ltd.

Made at Annan By whom made Bochran & Co., Annan Ltd. When made 1924 Where fixed Eng. Room Working pressure 125 lbs./sq. in.

Tested by hydraulic pressure to 238 lbs./sq. in. Date of test 4.4.24 No. of Certificate 16474 Fire grate area 41 sq. ft. Description of safety valves Spring

No. of safety valves 2 Area of each 7.07 Pressure to which they are adjusted 175 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler ✓

Dia. of donkey boiler 8'-6" Length 19'-6" Material of shell plates Steel Thickness 23/32" & 7/8" Range of tensile strength 32 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"

Lap of plating 5 3/8" Per centage of strength of joint 70.2 Rivets 70.2 Working pressure of shell by rules 125 lbs./sq. in. Thickness of shell crown plates 21/32" & 1/8"

Radius of do. 4'-3" No. of Stays to do. None 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 & Open Ring Working pressure of furnace by rules 128 lbs./sq. in. Thickness of furnace crown plates 3/4" Radius of do. 3'-9" Stayed by Hemisphere Diameter of uptake 18" x 28 1/2" Thickness of uptake plates 9/16"

Thickness of water tube plates 1 1/2"

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

Dates of Survey while building { During progress of work in shops - 1923 Nov 2.16 Dec 7.14 1924 Jan 11.18 Feb 1.8-15 Apr 4
During erection on board vessel - - -
Total No. of visits 10

Drawing No 13576

Is the approved plan of boiler forwarded herewith Yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under Special Survey in accordance with the Rules and approved plan; the materials and workmanship are good.

The boiler is to the order of Messrs. The Wallsend Shipway and Engineering Co. Ltd., Wallsend-on-Tyne, Contract No 863.

Annual Survey Request

This Boiler has been efficiently installed in the Engine-room of the motor vessel "Enton" on the tank-top. It has been fitted with 2 spring loaded safety valves 7.07 sq. in. area and easing gear. The safety valves have been adjusted under steam to 125 lbs./sq. in.

R. Lee Annan
Newcastle-on-Tyne.

Survey Fee ... £ 4 : 4 : - When applied for, 19

Travelling Expenses (if any) £ When received, 19

A. B. Forster

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

Committee's Minute GLASGOW -8 APR 1924

Assigned TRANSMIT TO LONDON

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Foundation
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