

REPORT ON BOILERS.

GLASGOW REPORT No. 46030

No. 45552

Date of writing Report 20 April 1926 When handed in at Local Office

Received at London Office

20 OCT 1926

No. in Survey held at Annan, Scotland Date, First Survey 29th Jan 1926 Last Survey 6th April 1926
 Reg. Book. 75.44. "SHROPSHIRE" on the Cochran Boiler No 9853. for Messrs The Fairfield S. B. & Eng. Co. Ltd. (Number of Visits 8) Gross Net
 Master Built at Glasgow By whom built The Fairfield S. B. & Eng. Co. Ltd. When built 1916. 10.
 Boilers made at Annan. By whom made Messrs Cochran & Co. Annan Ltd. When made 1926
 Owners Biddy Bros & Co. Port belonging to Limerford

VERTICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel D. Colvilles Sons Ltd.
 Made at Annan By whom made Cochran & Co. Annan Ltd. When made 1926 Where fixed Engine Room Working pressure 120 lb.
 tested by hydraulic pressure to 230 lb. Date of test 6/4/26 No. of Certificate 17085 Fire grate area 18.7 sq. ft. Description of safety valves Spring Loaded
 No. of safety valves 2 Area of each 3.14 sq. ft. Pressure to which they are adjusted 120 lb. If fitted with easing gear Yes. If steam from main boilers can enter the donkey boiler.
 Dia. of donkey boiler 6'-0" Length 14'-3" Material of shell plates Steel Thickness 3/32" 1/32" 1/32" Range of tensile 28/32 ton
 strength 28/32 Descrip. of riveting long. seams D.R.L.A.P. Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2.8125 2.857
 Lap of plating 4 1/2" Per centage of strength of joint Rivets 41% Plates 64% Working pressure of shell by rules 134.6 lbs. Thickness of shell crown plates 5/32 29/32
 Radius of do. 3'-0" No. of Stays to do. None Dia. of stays Diameter of furnace Top Hemisphere Bottom 5'-0" Length of furnace 3'-4 5/16"
 Thickness of furnace plates 14/32 Description of joint Seamless Ogee Ring Working pressure of furnace by rules 146.9 lbs. Thickness of furnace crown plates 14/32 Ogee plates 29/32 of ogee ring 127 lbs.
 plates 14/32 Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16"
 Thickness of water tubes plates 3/32 29/32 The foregoing is a correct description.
 Boole 25/32 Manufacturer. For COCHRAN & CO., ANNAN, LIMITED J. E. Woodhouse

Dates of Survey { During progress of work in shops - 1926 Jan 29 Feb 12 19 Mar 5 12 19 26 Drawing No. 14650.
 while { During erection on board vessel - Apr 6
 building { Total No. of visits 8 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 survey in accordance with the Rules and approved plan. Materials and workmanship good.

This Boiler has been satisfactorily fitted on board the above Vessel.
 W. Lane.

Glasgow. 12th Oct. 1926.

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

MONTHLY ACCOUNT

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

GLASGOW 19 OCT 1926

Committee's Minute GLASGOW 13 APR 1926
 Assigned TRANSMIT TO LONDON

W1175-0184

Lloyd's Register Foundation