

12 AUG 1925

Sl. No. 2911H

Pls. No. 44/33

REPORT ON BOILERS.

Received at London Office

3 JUN 1925

pt. 5b.

Date of writing Report May 29th 1925 When handed in at Local Office 19 Port of Glasgow 4th Aug. 1925

No. in Survey held at Annan, Scotland Date, First Survey 12th March 1925 Last Survey 21st May 1925
Reg. Book. on the Cochran Boiler No 9642 for S.P. Austin & Sons, Sunderland for ship no 309. (Number of Visits 8) Gross 1261
Tons Net 675

Built at Sunderland By whom built S.P. Austin & Sons, Ltd. When built 1925

Boilers made at Annan, Scotland By whom made Messrs Cochran & Co Annan Ltd When made 1925
Owners Gas Light & Coke Co. Port belonging to London

VERTICAL DONKEY BOILER - No. One Description Cochran type Manufacturers of steel D. Colville & Sons Ltd

Made at Annan By whom made Cochran & Co Annan Ltd When made 1925 Where fixed In Stokholm Working pressure 100 lbs

tested by hydraulic pressure to 200 lbs Date of test 27/5/25 No. of Certificate 6824 Fire grate area 6.75 sq ft Description of safety valves Two - Direct spring loaded

No. of safety valves 2 Area of each 3.14 sq ft Pressure to which they are adjusted 104 lb If fitted with easing gear 4/8 If steam from main boilers can enter the donkey boiler No

Di. of donkey boiler 5'-6" Length 12'-3" Material of shell plates steel Thickness 7/16, 1/2, 7/16 Range of tensile strength 28,32,35 Descrip. of riveting long. seams D.R. lap Dia. of rivet holes 25/32" Whether punched or drilled drilled Pitch of rivets 2.697"

Lap of plating 3/8" Per centage of strength of joint Rivets 66.6% Plates 68.6% Working pressure of shell by rules 117 lbs Thickness of shell crown plates 1/16, 13/32

Radius of do. 2'-9" No. of Stays to do. none Dia. of stays 1/2" Diameter of furnace Top hemisphere Bottom 4'-9" Length of furnace 2'-6 5/8"

Thickness of furnace plates 1/2" Description of joint Seamless Working pressure of furnace by rules 144 lbs Thickness of furnace crown plates 1/16 Radius of do. 2'-4 1/2" Stayed by hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 1/2"

Thickness of water tubes plates { Front 23/32" Back 19/32"

The foregoing is a correct description,
FOR COCHRAN & CO., ANNAN, LIMITED Manufacturer.
Thomas Wadley

Dates of Survey { During progress of work in shops - - } 1925 Mar 12 26 Apr 2 8 May 1 8 20 24 Drawing No. 12710
while building { During erection on board vessel - - }
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 special survey in accordance with the Rules and approved plan. The materials and workmanship are good. The boiler was tested by hydraulic pressure to 200 lbs per sq. in. in my presence with satisfactory results. The boiler is to the order of Messrs S.P. Austin & Sons, Sunderland for ship no 309.

This boiler has now been fitted and fixed on board in a satisfactory manner. Safety valves have been adjusted under steam as above.

L. Anderson
4/8/25

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

MONTHLY ACCOUNT

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

Committee's Minute GLASGOW 2 - JUN 1925
Assigned TRANSMIT TO LONDON

FRI, 14 AUG 1925



Lloyd's Register
FOW 371-0110