

REPORT ON BOILERS.

No. 43954

10 SEP 1924

of writing Report 6. 9. 1924 When handed in at Local Office 8. 9. 1924 Port of Glasgow
 in Survey held at Annan Date, First Survey 29th August. Last Survey 5. Sept. 1924.
 on the Cochran Boiler No. 9391. (Number of Visits 2) Gross Tons Net Tons
 Built at Annan By whom built Cochran & Co Annan Ltd. When built 1924.
 By whom made Annan Port belonging to

VERTICAL DONKEY BOILER No. One Description Cochran Type Manufacturers of steel D. Boyle & Co.
 Made at Annan By whom made Cochran & Co. Annan Ltd. When made 1924 Where fixed engine room Working pressure 100 lbs.
 Tested by hydraulic pressure to 200 lbs. Date of test 5/9/24 No. of Certificate 6593 Fire grate area ✓ Description of safety valves 2 spring loaded
 of safety valves 2 Area of each 1.650 Pressure to which they are adjusted 100 lbs. If fitted with easing gear ✓ If steam from main boilers can
 for the donkey boiler ✓ Dia. of donkey boiler 3'3" Length 9'0" Material of shell plates Steel Thickness 3/8 Range of tensile 2.167"
 length 28 1/2" Descrip. of riveting long. seams double Dia. of rivet holes 23/32 Whether punched or drilled drilled Pitch of rivets 2.406"
 of plating 3 3/4 Per centage of strength of joint Rivets 80.0 Plates 66.7 Working pressure of shell by rules 165 lbs Thickness of shell crown plates 15/32
 dia. of do. 2'11 1/8 No. of Stays to do. none Dia. of stays ✓ Diameter of furnace Top 2'7" Bottom 2'9 1/2" Length of furnace 2'17 1/2"
 thickness of furnace plates 7/16 Description of joint single riveted lap Working pressure of furnace by rules 162 1/2 159 lbs Thickness of furnace crown
 plates 1/2" Radius of do. 17 1/2 Stayed by radius Diameter of uptake 7 1/2 x 11 1/2 Thickness of uptake plates 7/16
 thickness of water tube plates Front 1/2 Back 1/2

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

Dates During progress of work in shops - 1924 August 29 September 5.
 Survey while building During erection on board vessel - -
 Total No. of visits 2

Is the approved plan of boiler forwarded herewith yes ✓

Drawing No 14006

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler which has not been built under Special Survey, has been examined throughout and the scantlings checked and found in accordance with the approved plan; the materials have been tested by the Society's Surveyors and the marks on plates verified with the certificates; the boiler has been tested by hydraulic pressure to 200 lbs/sq. inch, with satisfactory results; workmanship good.
 This boiler is to the order of Messrs Stabilimento Tecnico Triestino (Fabbrica Macchine Sant'Andrea) Trieste

Annual Survey Request

This boiler has been fitted on board the M.V. Leme, in accordance with the requirements of the Rules, has been examined under steam, found efficient, and its safety valves adjusted under steam to lift at 100 lbs 10".

H. Lockhart

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

Committee's Minute

GLASGOW

-9 SEP 1924

Assigned

TRANSMIT TO LONDON

J. F. Nicholas

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

FRI. 30 OCT 1925

FRI 16 JUL 1926

TUES. 26 JAN 1926

FRI. 25 JUN 1926

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