

5b.

REPORT ON BOILERS.

Bel 9678.

No. 45405

17 FEB 1926

Received at London Office

REMARKS.

of writing Report 13 Feb 1926 When handed in at Local Office 15-2-1926 Port of Glasgow
Survey held at Annan, Scotland Date, First Survey 21st Aug 1925 Last Survey 12th Feb 1926
Boat STEEL TWIN SCREW APAPA (Number of Visits 14) Gross Tons Net
on the Cochran Boiler No 9692 for Messrs Harland & Wolff for Contract No 695.
Built at Belfast By whom built Harland & Wolff Ltd. When built 1926
Made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd. When made 1926
Vessel African S.S. Co. Ltd. (Elder Dempster & Co. Ltd. Agents) Port belonging to Liverpool

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 1926 Where fixed Engine room Working pressure 100 lbs
Tested by hydraulic pressure to 200 lbs Date of test 17/2/26 No. of Certificate 1049 Fire grate area 8.75 sq Description of safety valves Two spring loaded
of safety valves 2 Area of each 3.14 sq Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
for the donkey boiler Dia. of donkey boiler 6'-0" Length 15'-3" Material of shell plates Steel Thickness 7/16, 1/2, 5/16 Range of tensile 2369, 2692, 2673
Length 28' 2" Descrip. of riveting long. seams D.R. L.H.P. Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2 1/2
of plating 3/8 Per centage of strength of joint Rivets 64.1% Plates 69.5% Working pressure of shell by rules 108 lbs Thickness of shell crown plates 13/16, 1/2, 5/16
Dia. of do. 3'-0" No. of Stays to do. none Dia. of stays Diameter of furnace Top Hemispherical Bottom 5'-0" Length of furnace 8'-5 1/16
Thickness of furnace plates 1/2 Description of joint Seamless or Ogee Ring Working pressure of furnace by rules 137.5 lbs Thickness of furnace crown
plates 1/2 Radius of do. 2'-6" Stayed by Hemispherical Diameter of uptake 13" x 19 1/2 Thickness of uptake plates 9/16
Thickness of water tube plates Front 25/32 Back 21/32
The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
S. C. Woodham

Dates During progress of work in shops- 1925 Aug 21-22 Sep 11-24 Oct 16-23 Nov 13 Drawing No 14462.
Survey while board vessel - During erection on - Dec 9-14-18-23 1926 Jan 6-15 Feb 12
Building Total No. of visits 14 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, workmanship and materials good.

This boiler has been efficiently installed and fastened in the engine room of the above vessel. It is fitted to burn oil fuel. The installation has been tested by hydraulic pressure in accordance with the rules. The safety valves have been adjusted under steam washers set at 100 lbs.

R. Lee Amess.

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

MONTHLY ACCOUNT

Committee's Minute GLASGOW 16 FEB 1926
Assigned TRANSMIT TO LONDON

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

J. J. Nicholas.
See Bel 9678 No 9648
1 FEB 1927
W329-0077

Lloyd's Register Foundation