

# REPORT ON BOILERS.

No. 45436

Attach to Glasgow Rpt. 45442

Received at London Office

24 FEB 1926

Date of writing Report 23 Feb. 1926 When handed in at Local Office 23.2.26 10 Port of Glasgow  
 No. in Survey held at Annan, Scotland Date, First Survey 22nd Jan 1926 Last Survey 19th Feb. 1926  
 Reg. Book. SIS "IBERO" (Number of Visits 4) Gross Tons Net  
 on the Cochran Boiler 9648 for Messrs D. Rowan & Co. Ltd. Contract No 837.  
 Master Built at Port Glasgow By whom built R. Duncan & Co (S/N-372) When built 1926  
 Boilers made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd When made 1926  
 Owners Port belonging to

**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 Steehold Working pressure 100 lbs  
 tested by hydraulic pressure to 200 lbs Date of test 19/2/26 No. of Certificate 4049 Fire grate area 8.77 Description of safety valves direct spring  
 No. of safety valves two Area of each 3.140 Pressure to which they are adjusted 105 lbs If fitted with easing gear yes If steam from main boilers can  
 enter the donkey boiler no Dia. of donkey boiler 6'-0" Length 14'-0" Material of shell plates steel Thickness 1/16, 1/32, 1/4 Range of tensile "  
 strength 28/32 Descrip. of riveting long. seams D.R.L.A.P. Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2.675"  
 Lap of plating 3 1/8 Per centage of strength of joint Rivets 64.1% Plates 40.25% Working pressure of shell by rules 108 lbs Thickness of shell crown plates 13/32, 1/16  
 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'-5 3/8"  
 Thickness of furnace plates 1/2" Description of joint Seamless & Oge Ring Working pressure of furnace by rules 137.5 lbs Thickness of furnace crown  
 plates 1/2" Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 15"x18" Thickness of uptake plates 9/16"  
 Thickness of water tube plates { FRONT. 7/8" BACK. 1/16" The foregoing is a correct description, W.H.  
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

Dates During progress of work in shops - 1926 Jan 22-29 Feb 12-19  
 of Survey During erection on board vessel - -  
 while building Total No. of visits 4

Drawing No. 12714.

Copy of 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.  
 The boiler has been satisfactorily fixed in the vessel and its safety  
 valves adjusted under steam.

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

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

Committee's Minute GLASGOW 23 FEB 1926  
 Assigned TRANSMIT TO LONDON

Lloyd's Register  
 Foundation

W593-0158