

5b.

# REPORT ON BOILERS.

Bel 9352  
2 JUN 1925 44172

Received at London Office

19 NOV 1924

of writing Report 13 Nov 1924 When handed in at Local Office 17.11.24 Port of Glasgow & Belfast.  
Survey held at Annan Date, First Survey 27 June 1924. Last Survey Nov. 14 1924  
Book. on the Boiler No. 9424 for Messrs Workman Clark & Co. Belfast. M.S. Port Dunedin Tons Gross 4163 Net 4153  
Built at Belfast By whom built Workman Clark & Co Ltd When built 1925  
By whom made By whom made When made  
Hydriers Commonwealth & Dominion Line Port belonging to London.

## RTICAL DONKEY BOILER

No. One Description Cochran Type Manufacturers of steel D. Colville & Sons Ltd  
at Annan By whom made Cochran & Co. Annan Ltd When made 1924 Where fixed Motor Room Working pressure 100 lb/sq. in.  
by hydraulic pressure to 200 lb/sq. in. Date of test 14/11/24 No. of Certificate 6653 Fire grate area 16.155 Description of safety valves Spring loaded  
of safety valves 2 Area of each 3.14 Pressure to which they are adjusted 100 lb/sq. in. If fitted with easing gear Yes If steam from main boilers can  
the donkey boiler Dia. of donkey boiler 5'-6" Length 14'-0" Material of shell plates Steel Thickness 7/16" 1/2" Range of tensile  
th 28-32 Description of riveting long. seams Double riveted Lap Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2.554  
of plating 37/8 Per centage of strength of joint Rivets 66.6% Plates 68.6% Working pressure of shell by rules 114 lb/sq. in. Thickness of shell crown plates 3/32 1/16  
us of do. 2'-9" No. of Stays to do. None Dia. of stays Diameter of furnace Top Hemisphere Bottom 4'-9" Length of furnace 2'-6 7/8"  
ness of furnace plates 1/2" Description of joint Samaras & Ogee Ring Working pressure of furnace by rules 144.8 lb/sq. in. Thickness of furnace crown  
" " Ogee Ring 1/16 " " Ogeering " 104 lb/sq. in.  
" 1/2" Radius of do. 2'-4 1/2" Stayed by Hemisphere Diameter of uptake 13" x 9 1/2" Thickness of uptake plates 1/2"  
ness of water tubes Plates { Front 23/32  
Back 19/32

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

Thomas Watley

During progress of work in shops - 1924 June 27 July 4 11 17 Aug 8 15 Sep 19 26 Oct 3 17 Nov 14  
Survey During erection on board vessel -  
Total No. of visits 11  
Drawing No 13935.

Is the approved plan of boiler forwarded herewith Yes.

## GENERAL REMARKS

(State quality of workmanship, opinions as to class, &c.) This boiler has been constructed under  
special survey in accordance with the Rules and approved plan; the materials and workmanship  
are good.

The boiler is to the order of Messrs. Workman Clark & Co. Belfast. This boiler is similar  
to Boiler No 9358 Glasgow Report 43725.

in Boilers has been installed & securely fixed in the vessel & its safety  
valves adjusted under steam.

Annual Survey Request

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

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

Committee's Minute GLASGOW 18 NOV 1924

FRI. 5 JUN 1925

signed

TRANSMIT TO LONDON

Lloyd's Register  
Foundation

004881-004886-0062