

5b.

# REPORT ON BOILERS.

No. 45426 attached  
24 FEB 1926 to 45773.

of writing Report 20 Feb 1926 When handed in at Local Office 20-2-1926 Port of Glasgow  
Survey held at Annan, Scotland Date, First Survey 15th Jan Last Survey Feb. 19th 1926  
Book. S/S VASCO.  
on the Cochran Boiler No 9649 for Messrs D. Rowan & Co. Ltd. for Contract No. 838 (Number of Visits 5) Gross Tons }  
er Built at Port Glasgow By whom built R. Duncan & Co (315N-373) When built 1926 Net  
ers made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd. When made 1926  
Port belonging to

VERTICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel D. Colvilles & Sons Ltd.  
at Annan By whom made Cochran & Co. Annan Ltd When made 1926 Where fixed Stokhold Working pressure 100 lbs  
by hydraulic pressure to 300 lbs Date of test 19/2/26 No. of Certificate 17050 Fire grate area 18.77 Description of safety valves direct spring  
of safety valves Two Area of each 3.140 Pressure to which they are adjusted 105 If fitted with easing gear yes If steam from main boilers can  
the donkey boiler Dia. of donkey boiler 6'-0" Length 14'-0" Material of shell plates Steel Thickness 1/2", 1/4", 1/8" Range of tensile 2.625"  
th 38/32 Descrip. of riveting long. seams D. R. L. A. P. Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 3.69"  
of plating 37/8 Per centage of strength of joint Rivets 64.17 Plates 10.25 Working pressure of shell by rules 108 lbs Thickness of shell crown plates 13/32 1/16  
is of do. 3'-0" No. of Stays to do. none Dia. of stays Diameter of furnace Top Hemispherical Bottom 5'-0" Length of furnace 3'-5 1/16"  
ness of furnace plates 1/2" Description of joint Seamless & Ogee Ring Working pressure of furnace by rules 137.5 lbs Thickness of furnace crown  
" 1/2" Ogee Ring 13/16 Radius of do. 2'-6" Stayed by Hemispherical " " Ogee Ring 101.2 lbs  
ness of water tube plates Front 7/8" Back 11/16" Diameter of uptake 15" 18" Thickness of uptake plates 9/16"  
The foregoing is a correct description,  
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
J. H. Woodham

During progress of work in shops - 1926 Jan 15 22 29 Feb 12 19  
During erection on board vessel -  
Total No. of visits 5  
Draughts 12414.  
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 the approved plan. Materials and workmanship good.  
The boiler has been satisfactorily fitted in the vessel and its safety valves adjusted under steam.

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

Committee's Minute  
GLASGOW 23 FEB 1926  
TRANSMIT TO LONDON

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



Lloyd's Register Foundation