

## REPORT ON BOILERS.

No. 54957

30 JAN 1935

Date of writing Report 13-9-34 When handed in at Local Office 15-9-34 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 26-7-34 Last Survey 11-9-34  
 Reg. Book. on the Boiler No. 12846 M/V Port Wyndham (Number of Visits 10) Gross 8580  
 Master Built at Clydebank By whom built John Brown & Co. Ltd. When built 1935  
 Boilers made at Refrigo By whom made Babcock & Wilcox Ltd. When made 1935  
 Owners Commonwealth & Dominion Line Ltd Port belonging to London

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Steel Co. of Scotland  
 Made at Annan By whom made Cochran & Co. Annan When made 1934 Where fixed Working pressure 100  
 tested by hydraulic pressure to 200 Date of test 11-9-34 No. of Certificate 19445 Fire grate area 22-5 ft<sup>2</sup> Description of safety valves Spring loaded  
 No. of safety valves 2 Area of each 4-9 sq. Pressure to which they are adjusted If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler  
 Diameter of donkey boiler 6'-6" Length 14'-9" Material of shell plates S Thickness 19/32, 15/32  
 Range of tensile strength 28-32 Description of riveting long. seams J. R. L. Diameter of rivet holes 27/32 Whether punched or drilled drilled Pitch of rivets 2-687, 2-663, 2-704 Lap of plating 4 1/4 Per centage of strength of joint Rivets 72-4 Working pressure of shell by rules 110 Thickness of shell crown plates 1/16 Radius of do. 6'-6" No. of stays to do. none Diameter of stays 1 1/2  
 furnace—Top Turnip Bottom 5'-6" Length of furnace 2'-10 1/4 Thickness of furnace side plates 1/2 Description of joint Seamess Working pressure of furnace by rules 125 Thickness of Ogee ring 27/32 Working pressure of Ogee ring by rules 101-1 Thickness of furnace crown plates 1/2 Radius of do. 2'-9" Stayed by Turnip Diameter of uptake 15" x 23" Thickness of uptake plates 9/16 Thickness of tube plates front 13/16 back 23/32 Mean pitch of stay tubes in nest 12-74 Pitch in outer vertical rows 8-88  
 Diameter of tube holes FRONT stay 2 1/16 plain 2 9/16 BACK stay 2 1/2 plain 2 1/2 Working pressure of tube plates by rules 120-8 F.T.P. 126 B.T.P. Tubes: Material Iron  
 External diameter stay 2 1/2 Thickness stay 1 1/2 No. of threads per inch 9 Pitch of tubes 4 7/16 x 3 9/16  
 Working pressure by rules 125 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating ring 6" x 3/4 No. of rivets and diameter of rivet holes 36-27/32 Outer row pitch at ends 3-64

The foregoing is a correct description,

FOR COCHRAN &amp; CO. ANNAN, LTD.

T. Foster Manufacturer.

Dates of Survey while building During progress of work in shops 1934 July: 26-31 Aug: 9-17 23-24 27-31 Sep: 6-11 Drawing No. 20314A  
 During erection on board vessel - - -  
 Total No. of visits 10 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 special survey in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

15/9/34

The boiler is intended for John Brown &amp; Co. Ltd. Yard No. 541.

Survey Fee ... £ 4 : 4 : 7 When applied for 19  
 Travelling Expenses (if any) £ : : When received 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW 17 SEP 1934

Assigned TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 12 FEB 1935

See G.S. Rpt. No. 55340

Lloyd's Register Foundation

004642-004645-0141