

## REPORT ON BOILERS.

Sld. No. 31814

Sld. No. 56631

19 FEB 1936 12 MAY 1936

Date of writing Report 10-2-36 When handed in at Local Office 15-2-36 Port of Glasgow Sld. 5-5-36  
 No. in Survey held at Annan Date, First Survey 31-10-35 Last Survey 11-2-36  
 Reg. Book. on the Boiler No. 13232. M.V. "PEEBLES" (Number of Visits 15) Gross 4982  
 Master Built at Sunderland By whom built Wm. Doxford & Sons Ltd. When built 1936.  
 Boilers made at Annan By whom made Cochran & Co. (Annan) Ltd. When made  
 Owners B. J. Sutherland & Co. Ltd. Port belonging to Newcastle.

VERTICAL DONKEY BOILER— No. 1. Description Cochran Manufacturers of steel Gt. Trillies 7"  
 Made at Annan By whom made Cochran & Co. Annan When made Where fixed room. Working pressure 120  
 tested by hydraulic pressure to 230 Date of test 11-2-36 No. of Certificate 19674 Fire grate area Description of safety valves D.S.L.  
 No. of safety valves 2 Area of each 7.06 Pressure to which they are adjusted 120 lbs. If fitted with easing gear Yes. If steam from main boilers can  
 enter the donkey boiler No Diameter of donkey boiler 8'-0" Length 17'-3" Material of shell plates S. Thickness 2 1/32" - 13/16"  
 Range of tensile strength 28-32 Description of riveting long. seams D.R.L. Diameter of rivet holes 1 1/32" Whether punched or  
 drilled drilled Pitch of rivets 3-16, 3-15, 3 Lap of plating 5" Per centage of strength of joint Rivets 66.2 Working pressure of shell by  
 rules 125.4 Thickness of shell crown plates 1 1/32 1 1/32 Radius of do. 4'-0" No. of stays to do. None Diameter of stays Diameter of  
 furnace—Top None Bottom 7'-0" Length of furnace 3'-6 1/8 Thickness of furnace side plates 23/32 Description of joint Seamless Working  
 pressure of furnace by rules 144 Thickness of Ogee ring 1 1/32 Working pressure of Ogee ring by rules 124.4 Thickness of furnace  
 crown plates 23/32 Radius of do. 3'-6" Stayed by Hemisphere Diameter of uptake 21 1/2" x 25" Thickness of uptake  
 plates 9/16 Thickness of tube plates front 1 1/4 back 1 1/2 Mean pitch of stay tubes in nest 9.48, 9.97 Pitch in outer vertical rows 6.374, 5.25  
 Diameter of tube holes FRONT stay 2 3/16 - 1 1/16 BACK stay 2" - 1 1/2 Working pressure of tube plates by rules 122.126 Tubes: Material S.  
 External diameter stay 2" - 1 1/2 Thickness stay 1 1/32 No. of threads per inch 9 Pitch of tubes 2.6875 x 2.625, 3.157-3.13  
 Working pressure by rules 2-165, 1 1/2 - 146 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating  
 ring 28" dia x 3 1/2 No. of rivets and diameter of rivet holes 36 - 1 1/32 Outer row pitch at ends 3.89

FOR COCHRAN &amp; CO., ANNAN, LTD.

The foregoing is a correct description.

WORKS MANAGER.

Dates of Survey while building  
 During progress of work in shops— 1935 Oct.: 31 Nov.: 6-12-19-22 Dec.: 3-4-13-20 Drawing No. E 33 292.  
 During erection on board vessel— 1936 Jan.: 10-16-22-29 Feb.: 6-11  
 Total No. of visits 15 Is the approved plan of boiler forwarded herewith Copy 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.

The boiler is intended for Wm. Doxford & Sons Ltd. Yard No. 620

This boiler has been securely fixed on board the vessel & examined under steam, safety valves adjusted to working pressure & accumulation test carried out satisfactorily.

For recommendation please see Encly Rpt.

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

MONTHLY ACCOUNT

Committee's Minute GLASGOW 18 FEB 1936  
 Assigned TRANSMIT TO LONDON

James Cairns, 2020  
 Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register  
 Foundation

005187-005193-0334