

31 OCT. 1921

5b.

# REPORT ON BOILERS.

No. 40485

WED. OCT. 20 1920

Report of writing Report 16<sup>th</sup> Oct 20 When handed in at Local Office 18. 10. 20 Port of Glasgow.  
 No. in Survey held at Annan Date, First Survey 24<sup>th</sup> Sept. Last Survey 15<sup>th</sup> Oct 1920  
 on the Donkey Boiler No 8587. M.V. "POILO" (Number of Visits 4) Gross 308.63 Tons Net 197.37  
 Built at Comers By whom built J.S. White & Co. Ltd When built 1921  
 By whom made Cochran & Co. Annan Ltd When made 1920  
 The British Oil Bunkering Co. Ltd Port belonging to London

**VERTICAL DONKEY BOILER** No. 8587 Description Cochran Manufacturers of steel David Colville Bros  
 Made at Annan By whom made Cochran & Co When made 1920 Where fixed Engine Room Working pressure 100  
 Tested by hydraulic pressure to 200 Date of test 15/10/20 No. of Certificate 15536 Fire grate area 85<sup>sq</sup> ft Description of safety valves Spring loaded  
 No. of safety valves One Area of each 4.9<sup>sq</sup> ft Pressure to which they are adjusted 103 lb. If fitted with easing gear ygo If steam from main boilers can  
 enter the donkey boiler ☒ Dia. of donkey boiler 4' 0" Length 9' 0" Material of shell plates Steel Thickness 7/8 7/16 Range of tensile  
 length 28/32 Descrip. of riveting long. seams Lap B.R. Dia. of rivet holes 3/32 Whether punched or drilled drilled Pitch of rivets 3/32  
 Thickness of plating 3/8 Per centage of strength of joint Rivets 82.6 Working pressure of shell by rules 115 Thickness of shell crown plates 7/16  
 Radius of do. 48 1/2 No. of Stays to do. None Dia. of stays ☒ Diameter of furnace Top 3'-3 1/2 Bottom 3'-6 3/8 Length of furnace 40 in  
 Thickness of furnace plates 1/2 Description of joint Lap S.R. Working pressure of furnace by rules 130 Thickness of furnace crown  
 plates 1/2 Radius of do. 23 inches Stayed by Spherical Ribs Diameter of uptake 7 1/4 x 13 3/4 Thickness of uptake plates 1/2  
 Thickness of water tube plates 7/8  
 B 1/2  
 The foregoing is a correct description.  
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
 G. Malley

Dates During progress of work in shops - 1920 Sep 24 Oct 1. 8. 15  
 Survey while building During erection on board vessel - -  
 Total No. of visits 4

Drawing No 12091

Is the approved plan of boiler forwarded herewith ☒

## GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The boiler has been built under special survey.  
 The workmanship & materials are of good quality.  
 The boiler is to the order of J.S. White & Co. Ltd. Earl Cowes.

The above boiler has been efficiently fitted on board this vessel  
 and the Safety Valve adjusted under steam to 103 lb.  
 Thickness of adjusting washer =  $\frac{21}{32}$ "

Survey Fee ... £ 2 : 2 :  
 Travelling Expenses (if any) £ : :  
 When applied for, 19  
 When received, 19

Committee's Minute GLASGOW 19 OCT 1920  
 Assigned TRANSMIT TO LONDON

Robert W. Hegor, & A. H. Boyle  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

FRI. 4 NOV. 1921

Lloyd's Register Foundation

8000-554700-674700  
 004727-004735-0008