

# REPORT ON BOILERS.

No. 40696

of writing Report 18<sup>th</sup> Dec 20 When handed in at Local Office 18.12.20 Port of Glasgow Received at London Office WED. DEC. 22 1920

Survey held at Annan Date, First Survey 15.10.20 Last Survey 17<sup>th</sup> Dec 1920

on the Donkey Boiler No 8545 for the S. S. Luoke Pasabio (Number of Visits 9)

Built at Annan By whom built Cochran & Co., Annan, Ltd. When built 1920

Port belonging to \_\_\_\_\_

**VERTICAL DONKEY BOILER** No. 8545 Description Cochran Manufacturers of steel Colville Bros

at Annan By whom made Cochran & Co When made 1920 Where fixed \_\_\_\_\_ Working pressure 100

by hydraulic pressure to 200 Date of test 17/12/20 No. of Certificate 15531 Fire grate area 37 $\frac{1}{2}$  Description of safety valves \_\_\_\_\_

of safety valves \_\_\_\_\_ Area of each \_\_\_\_\_ Pressure to which they are adjusted \_\_\_\_\_ If fitted with easing gear \_\_\_\_\_ If steam from main boilers can \_\_\_\_\_

the donkey boiler \_\_\_\_\_ Dia. of donkey boiler 8'-0" Length 16'-6" Material of shell plates Steel Thickness 1 $\frac{1}{2}$ " Range of tensile \_\_\_\_\_

gth 28 $\frac{1}{2}$  Descrip. of riveting long. seams Lap D.R. Dia. of rivet holes 3 $\frac{1}{32}$  Whether punched or drilled drilled Pitch of rivets 304 $\frac{1}{2}$

of plating H $\frac{3}{4}$  Per centage of strength of joint \_\_\_\_\_ Rivets 694 Working pressure of shell by rules 108 Thickness of shell crown plates 1 $\frac{1}{32}$

us of do. 48 No. of Stays to do. none Dia. of stays \_\_\_\_\_ Working pressure of furnace by rules 114 Thickness of furnace crown \_\_\_\_\_

ness of furnace plates 1 $\frac{5}{8}$  Description of joint Riveted Ring Working pressure of furnace by rules 114 Thickness of furnace crown \_\_\_\_\_

Radius of do. 42 inches Stayed by Hemisphere Diameter of uptake 21 $\frac{1}{2}$  x 25 Thickness of uptake plates 9 $\frac{1}{16}$

ness of water tube plates 1 $\frac{1}{32}$  13 3 $\frac{1}{4}$

The foregoing is a correct description.  
**For COCHRAN & CO., ANNAN, LIMITED** Manufacturer.  
*W.O. Gray*

Dates During progress of work in shops - 1920 Oct. 15. 22. Nov 4. 12. 19. 25 Dec 3. 10. 17.

Survey while building During erection on board vessel - - - Drawing No 11138

Total No. of visits 9 Is the approved plan of boiler forwarded herewith Yes

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

The boiler has been built under special survey.  
The workmanship and materials are good.  
The boiler is to the order of Armatore Riuniti Genova

Survey request form  
C1800 attached

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

*Robert M. Hegor*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute Glasgow 21 DEC 1920  
Assigned TRANSMIT TO LONDON

FRI. MAR. 21 1924

Lloyd's Register Foundation