

# REPORT ON BOILERS.

No. 46469

Received at London Office

26 OCT 1927

of writing Report *12th March 1924* When handed in at Local Office *21.3.27* 19 *27* Port of *Glasgow*  
 No. in Survey held at *Glasgow* Date, First Survey *23rd Feb* Last Survey *4th March 1924*  
 No. of Book. *1* (Number of Visits *2*) Gross *334*  
 on the *Miss George Brown rcs No. 155. M.V. "KATOORA"* Tons Net *149*  
 Built at *Greenock* By whom built *George Brown & Co Ltd* When built *1924*  
 By whom made *Mechaus Limited* When made *1924*  
 Port belonging to *Melbourne*

*Air Receivers*  
**VERTICAL DONKEY BOILER** No. *Two* Description *Cylindrical* Manufacturers of steel *David Colville & Sons Ltd.*  
 Made at *Glasgow* By whom made *Mechaus Limited* When made *1924* Where fixed *Working pressure 300 lbs.*  
 Tested by hydraulic pressure to *500 lbs* Date of test *4/3/24* No. of Certificate *14318* Fire grate area *✓* Description of safety valves  
 Area of each *RECEIVER* Pressure to which they are adjusted *24.5"* If fitted with easing gear *✓* If steam from main boilers can  
 Dia. of donkey boiler *24.5"* Length *9' 8"* Material of shell plates *S* Thickness *1/2"* Range of tensile  
 Descrip. of riveting long. seams *Overlap 2 Rs.* Dia. of rivet holes *1/8"* Whether punched or drilled *Drilled* Pitch of rivets *2.833"*  
 Per centage of strength of joint *40/8* Rivets *69.5* Working pressure of shell by rules *339 1/2"* Thickness of shell crown plates *5/8"*  
 No. of Stays to do. *24.5"* Dia. of stays *✓* Diameter of furnace Top *DISHED END PLATES* Bottom *✓* Length of furnace  
 Description of joint *✓* Working pressure of furnace by rules *364* Thickness of furnace crown  
 Radius of do. *✓* Stayed by *✓* Diameter of uptake *✓* Thickness of uptake plates *✓*  
 The foregoing is a correct description, Manufacturer.

During progress of work in shops - *1927 Feb 23 Mar 4*

During erection on board vessel - *2*

Total No. of visits

Is the approved plan of boiler forwarded herewith *RECEIVERS. Yes.*

**AL REMARKS** (State quality of workmanship, opinions as to class, &c.)

*The air receivers have been built under special Survey and in accordance with Rules. The materials and workmanship are good. On completion they were tested by hydraulic pressure with satisfactory results. The receivers are, in my opinion, worthy to be fitted on board a vessel classed this Society's Register Book.*

Survey Fee ... £ *4 : 4* :

Travelling Expenses (if any) £ :

When applied for, *18/3/27*

When received, *30/3/27*

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *GLASGOW 22 MAR 1927*

Assigned

TRANSMIT TO LONDON

GLASGOW 25 FEB 1927