

# REPORT ON BOILERS.

No. 35744

Received at London Office WED. - 2 FEB. 1916

of writing Report January 1916 When handed in at Local Office \_\_\_\_\_ 19 \_\_\_\_\_ Port of Glasgow  
 Date, First Survey 8/12/15 Last Survey January 28 1916  
 Survey held at Annan (Number of Visits \_\_\_\_\_) Tons {Gross 1875  
 on the Boiler for the S.S. "Etah Manor" of Brown & Sons No. 158 Net 1097  
 Built at Sunderland By whom built J. Brown & Sons Ltd When built 1916  
 By whom made Annan By whom made Bohran & Co Annan Ltd When made 1916  
 Port belonging to Newcastle

**VERTICAL DONKEY BOILER** - No. 7046 Description Bohran Manufacturers of steel Glasgow Iron & Steel Co.  
 By whom made Bohran When made 1916 Where fixed Stockholm Working pressure 100 lb  
 tested by hydraulic pressure to 200 Date of test 28/1/16 No. of Certificate 13315 Fire grate area 37 sq ft Description of safety valves 2 direct spring  
 of safety valves 2 Area of each 9.62 Pressure to which they are adjusted 100 lb If fitted with easing gear Yes If steam from main boilers can  
 or the donkey boiler No Dia. of donkey boiler 8'0" Length 16'6" Material of shell plates Steel Thickness 19/32 + 1/16 Range of tensile  
 strength 28/32 Descrip. of riveting long. seams D. R. Lap Dia. of rivet holes 3/32 Whether punched or drilled drilled Pitch of rivets 3.02  
 of plating 1/4 Per centage of strength of joint Rivets 69.4 Working pressure of shell by rules 108 Thickness of shell crown plates 17/32 + 1"  
 Dia. of do. 48" No. of Stays to do. nil Dia. of stays \_\_\_\_\_ Diameter of furnace Top Rad. Bottom 84" Length of furnace 52"  
 Thickness of furnace plates 5/8 + 1" Description of joint \_\_\_\_\_ Working pressure of furnace by rules 114 Thickness of furnace crown  
 plates 5/8 Radius of do. 42" Stayed by Hemisphere Diameter of uptake 21 1/2 x 25" Thickness of uptake plates 5/8"  
 Thickness of water tubes \_\_\_\_\_ Plates \_\_\_\_\_  
 Front 27/32  
 Back 3/4

The foregoing is a correct description,

*W.O. Grey* For **BOHRAN & CO., ANNAN, LIMITED** Manufacturer.

Dates { During progress of work in shops - - } 1915 Dec. 8. 1916 Jan. 21. 28  
 { Survey while board vessel - - } 1916 Jan. 30 Jul. 26  
 Total No. of visits 6

Is the approved plan of boiler forwarded herewith Yes  
Drawing No. 9221

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) The materials & workmanship are good. The boiler has been built under special survey.

Survey request form No. C.1323 attached

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

**MONTHLY ACCOUNT.**

*John H Heck*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

TUE. 18 JUL. 1916

GLASGOW 1 - FEB. 1916

Committee's Minute Assigned **TRANSMIT TO LONDON**

FRI. AUG. 11. 1916



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WA 104-0203  
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