

## REPORT ON BOILERS.

No. 38941.

Received at London Office  
 of writing Report 11<sup>th</sup> July 1919 When handed in at Local Office 12/7/19 1919 Port of Glasgow  
 Survey held at Annan Date, First Survey 10/1/19 Last Survey 11<sup>th</sup> July 1919  
 on the Donkey Boiler No 7953 In Douglas's Standard Ship Co's type  
 Built at Annan By whom built Cochran & Co. Annan Ltd.  
 When made 1919  
 Port belonging to

VERTICAL DONKEY BOILER— No. 7953 Description Cochran Manufacturers of steel Stewart & Lloyd's  
 Made at Annan By whom made Cochran & Co. When made 1919 Where fixed Working pressure 100  
 Tested by hydraulic pressure to 200 Date of test 11. 7. 19 No. of Certificate 14818 Fire grate area 41<sup>1</sup>/<sub>2</sub> 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  
 for the donkey boiler Dia. of donkey boiler 8'-6" Length 17'-0" Material of shell plates Steel Thickness 5/8" Range of tensile 28750-30280  
 Length 28/32 Descrip. of riveting long. seams Lap. S. R Dia. of rivet holes 31/32 Whether punched or drilled Drilled Pitch of rivets 2-9/32  
 of plating 4 1/2 Per centage of strength of joint Rivets 68.7 Plates 66.3 Working pressure of shell by rules 106 Thickness of shell crown plates 9/16  
 Dia. of do. 51" No. of Stays to do. None Dia. of stays Diameter of furnace Top Radius Bottom 7'-6" Length of furnace 52 1/2  
 Thickness of furnace plates 2 1/2 Description of joint Working pressure of furnace by rules 118 Thickness of furnace crown  
 Radius of do. 3'-9" Stayed by Hemispherical Diameter of uptake 18" x 28 1/2 Thickness of uptake plates 9/16  
 Thickness of water tubes plates  
 F. 15/16  
 B. 7/8

The foregoing is a correct description,

For COCHRAN &amp; CO., ANNAN, LIMITED Manufacturer.

Dates During progress of work in shops - 1919 Jan 10. 17. 24. 31. Feb 7. 14. 21. June 13. 20. 27. July 4. 11.  
 Survey During erection on board vessel -  
 while building Total No. of visits 12.

Drawing No 11125

Is the approved plan of boiler forwarded herewith Yes.

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

The boiler has been built under special survey.  
 The workmanship & materials are good.

Survey request form

No C1584 attached

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

MONTHLY ACCOUNT

Peter W. Chigor

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

Committee's Minute GLASGOW 15 JUL 1919

Assigned TRANSMIT TO LONDON



Lloyd's Register Foundation

007668-007678-0170