

# REPORT ON BOILERS.

WED. 38861. 1919

Date of writing Report 21<sup>st</sup> June 19 When handed in at Local Office 10 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 23/5/19 Last Survey 20<sup>th</sup> June 1919  
 Reg. Book. on the Donkey Boiler No 7982 "ROSEWORTH" (Number of Visits 4) Gross 2554.22  
 Tons Net 1408.41  
 Master G. W. A. Mackay Built at Port Glasgow By whom built Daukopf Breunler No 337 Ship When built  
 Boilers made at Annan By whom made Cochran Co, Annan Ltd When made 1919  
 Owners The Robert Stanley Shipping Co. Limited Port belonging to Newcastle-on-Tyne

**VERTICAL DONKEY BOILER**— No. 7982 Description Cochran Manufacturers of steel Staworks & Lloyd Ltd.  
 Made at Annan By whom made Cochran Co. When made 1919 Where fixed Stockholm Working pressure 100  
 Tested by hydraulic pressure to 200 Date of test 20/6/19 No. of Certificate 4779 Fire grate area 31.5 Description of safety valves Spring loaded  
 No. of safety valves two Area of each 7.069 Pressure to which they are adjusted 12 1/2 lbs If fitted with easing gear yes If steam from main boilers can  
 enter the donkey boiler no Dia. of donkey boiler 7'-6" Length 16'-3" Material of shell plates Steel Thickness 9/16 Range of tensile 28.2  
 Length 28/32 Descrip. of riveting long. seams Lap. S. R. Dia. of rivet holes 29/32 Whether punched or drilled dulled Pitch of rivets 2.875  
 Pitch of rivets 2.625 Range of tensile 29/32 Thickness of shell crown plates 1/2  
 Pitch of rivets 29/32 Thickness of shell crown plates 1/2  
 Radius of do. 3'-9" No. of Stays to do. None Dia. of stays ✓ Diameter of furnace Top Radius Bottom 6'-6" Length of furnace 50 3/4  
 Thickness of furnace plates 9/16 Description of joint ✓ Working pressure of furnace by rules 100 lbs Thickness of furnace crown  
 plates 9/16 Radius of do. 39 ins Stayed by Hemisphere Diameter of uptake 18 3/4 x 28 1/2 Thickness of uptake plates 9/16  
 Thickness of water tube plates 7 15/16  
13 25/32  
 The foregoing is a correct description,  
**FOR COCHRAN & CO., ANNAN, LIMITED** Manufacturer.  
T. Wainley

Dates of Survey while building  
 During progress of work in shops - 1919 May 23 June 6. 13. 20.  
 During erection on board vessel - -  
 Total No. of visits 4

Drawing No 11165  
 Is the approved plan of boiler forwarded herewith Yes.

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) This boiler has not been built under Special Survey. The material has however been tested by a Surveyor to this Society in accordance with the Rules.  
The boiler has been examined inside and outside, the scantlings checked and found to be in accordance with the Rules.  
The workmanship is good and the boiler found to be in every way efficient.  
This donkey boiler is now efficiently fitted in the vessel.

A. Wainley  
Greenock 21/7/19.

Survey request form  
No. C1616 attached

Survey Fee ... .. £ 2 : 2 : } When applied for, ..... 10  
 Travelling Expenses (if any) £ : : } When received, ..... 10

Committee's Minute **GLASGOW** 24 JUN. 1919  
 Assigned TRANSMIT TO LONDON  
 See Enk. Rpt. No. 17575.  
**Lloyd's Register Foundation**  
 W1275-0241