

# REPORT ON BOILERS.

No. 38863  
WED. 25. 1919

Date of writing Report 21<sup>st</sup> June 1919 When handed in at Local Office 23/6/19 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 13/6/19 Last Survey 20<sup>th</sup> June 1919  
 Reg. Book. Donkey Boiler No 8022 S.S. "Kara" (Number of Visits 2) Tons { Gross  
 on the Donkey Boiler No 8022 S.S. "Kara" Net  
 Master Amman Built at Hartlepool By whom built M<sup>rs</sup> Gray & Co. No 926 Vessel When built  
 Boilers made at Amman By whom made Cochran & Co Amman Ltd When made 1919  
 Owners Amman Port belonging to Amman

VERTICAL DONKEY BOILER— No. 8022 Description Cochran Manufacturers of steel Glasgow Iron & Steel Co  
 Made at Annan By whom made Cochran & Co When made 1919 Where fixed Stokehold Working pressure 100  
 tested by hydraulic pressure to 200 Date of test 20/6/19 No. of Certificate 14791 Fire grate area 26.75 Description of safety valves direct spring  
 No. of safety valves 2 Area of each 7.07 Pressure to which they are adjusted 100 lb If fitted with easing gear yes If steam from main boilers can  
 enter the donkey boiler no Dia. of donkey boiler 7' 0" Length 15' 0" Material of shell plates Steel Thickness 7/32 Range of tensile  
 strength 28/32 Descrip. of riveting long. seams Lap DR. Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2 1/2  
 Lap of plating 4 1/2 Per centage of strength of joint Rivets 70.6 Working pressure of shell by rules 106 Thickness of shell crown plates 15/32  
 Radius of do. 4 1/2 No. of Stays to do. ✓ Dia. of stays ✓ Diameter of furnace Top Radius Bottom 72" Length of furnace 47 3/4  
 Thickness of furnace plates 7/8 Description of joint ✓ Working pressure of furnace by rules 100 Thickness of furnace crown  
 plates 17/32 Radius of do. 36" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16  
 Thickness of water tubes plate 7 7/8  
 B. 3/4

The foregoing is a correct description,  
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
I. Walley

Dates { During progress of work in shops - 1919 June 13. 20.  
 of Survey { During erection on board vessel - -  
 while building { Total No. of visits 2

Drawing No 9696

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 boiler has been fitted and secured in place, examined  
under steam and the safety valves adjusted to working pressure

Survey request form

No. C 1628 attached

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

MONTHLY ACCOUNT

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
 FRI. 31 OCT. 1919

Committee's Minute GLASGOW 24 JUN. 1919

Assigned TRANSMIT TO LONDON

Peter M. Geger & R. D. Shilstone

Lloyd's Register  
 Foundation