

# REPORT ON BOILERS.

No. 39955

WED. MAY. 12 1920

Date of writing Report *8th May 1920* When handed in at Local Office *8.5.20* Port of *Glasgow*  
No. in Reg. Book. *Survey held at Annan* Date, First Survey *5.3.20* Last Survey *7th May 1920*  
on the *Loakey Boiler No 8306.* (Number of Visits *10*) Gross Tons *Net*  
Master *Annan* Built at *Annan* By whom built *Cochran & Co. Annan Ltd* When built *1920*  
Boilers made at *Annan* By whom made *Cochran & Co. Annan Ltd* Port belonging to   
Owners

VERTICAL DONKEY BOILER— No. *8306* Description *Cochran* Manufacturers of steel *Glasgow Iron Steel Co.*  
Made at *Annan* By whom made *Cochran & Co* When made *1920* Where fixed *Swindon* Working pressure *100*  
tested by hydraulic pressure to *200* Date of test *7/5/20* No. of Certificate *15276* Fire grate area *315* Description of safety valves *2 Spring loaded*  
No. of safety valves *2* Area of each *✓* Pressure to which they are adjusted *100* If fitted with easing gear *Yes* 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 *26250*  
strength *2832* Descrip. of riveting long. seams *DR Lap* Dia. of rivet holes *29/32* Whether punched or drilled *drilled* Pitch of rivets *2.575*  
Lap of plating *4 1/2* Per centage of strength of joint *69* Rivets *65* Working pressure of shell by rules *103* Thickness of shell crown plates *29/32*  
Radius of do. *45* No. of Stays to do. *none* Dia. of stays *✓* Diameter of furnace Top Radius *78* Bottom *78* Length of furnace *50 3/4*  
Thickness of furnace plates *9/16* Description of joint *Riveted long* Working pressure of furnace by rules *100* Thickness of furnace crown  
plates *9/16* Radius of do. *39* Stayed by *Hemisphere* Diameter of uptake *18 3/4* Thickness of uptake plates *9/16*  
Thickness of water tube plates *7* Radius of do. *15*

The foregoing is a correct description,  
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
*W. V. Gray*

Dates of Survey while building { During progress of work in shops - - } *1920* *May 7*  
{ During erection on board vessel - - }  
Total No. of visits *10*

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

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

*The boiler has been built under special survey.*  
*The workmanship and materials are of good quality.*  
*The boiler is to the order of the Portsmouth S.B. Co. Chertsey for vessel No 368*

*This boiler has now been fitted & secured on board the*  
*S/S. War Sig*

Survey request form  
No *C1723* attached

Survey Fee ... £ *2 : 2* : } When applied for, *19*  
Travelling Expenses (if any) £ : : } When received, *10*

Committee's Minute *GLASGOW 11 MAY 1920*  
Assigned *TRANSMIT TO LONDON*

*Robert Chgoz John W. Gwynne*  
Engineer Surveyor to Lloyd's Register of Shipping.

FRI. JAN. 7 1921

Lloyd's Register  
Foundation  
W291-0214