

## REPORT ON BOILERS.

No. 39953

State of writing Report *8th May 20* When handed in at Local Office *8.5* 19*20* Port of *Glasgow* *WED MAY 12 1920*  
 No. in Survey held at *Annan* Date, First Survey *12.3.20* Last Survey *7th May 1920*  
 Reg. Book. on the *Donkey Boiler No 82444 in the S.S. "Glenside"* (Number of Visits *9*) Gross *553.92* Tons Net *244.47*  
 Master Built at *Goole* By whom built *Goole S.B. & Rep. Co. Ltd.* When built *1921*  
 Boiler made at *Annan* By whom made *Cochran & Co. Annan Ltd* When made *1920*  
 Owners *"Glenside" S.S. Co. Ltd.* Port belonging to *Middlesbrough*

VERTICAL DONKEY BOILER No. *82444* Description *Cochran* Manufacturers of steel *Stewarts & Lloyd*  
 Made at *Annan* By whom made *Cochran & Co.* When made *1920* Where fixed *boiler room* Working pressure *100*  
 tested by hydraulic pressure to *200* Date of test *7/5/20* No. of Certificate *15277* Fire grate area *125 sq ft* Description of safety valves *Spring loaded*  
 No. of safety valves *one* Area of each *7.07 sq ft* Pressure to which they are adjusted *100 lbs* If fitted with easing gear *yes* If steam from main boilers can enter the donkey boiler *no* Dia. of donkey boiler *5'-0"* Length *11'-3"* Material of shell plates *Steel* Thickness *13/32"* Range of tensile strength *28/32* Descrip. of riveting long. seams *Lap S.R.* Dia. of rivet holes *25/32"* Whether punched or drilled *drilled* Pitch of rivets *2 1/2"*  
 Lap of plating *3 1/8"* Per centage of strength of joint *76.8* Working pressure of shell by rules *104* Thickness of shell crown plates *4 1/4"*  
 Radius of do. *30 ins* No. of Stays to do. *none* Dia. of stays *1"* Diameter of furnace Top *51 ins* Bottom *51 ins* Length of furnace *35 1/2 ins*  
 Thickness of furnace plates *1/2"* Description of joint *Riveted* Working pressure of furnace by rules *100* Thickness of furnace crown plates *1/2"* Radius of do. *25 1/2 ins* Stayed by *Hemisphere* Diameter of uptake *13" x 19 1/2"* Thickness of uptake plates *1/2"*  
 Thickness of *water tube* plates *7 1/2"* B. *17/32"*

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

Dates of Survey { During progress of work in shops - 1920 *Mar 12 19. 26* April *9. 16 23*  
 while building { During erection on board vessel - *30 May 7*  
 Total No. of visits *9*

Drawing No. *12316*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 and materials are of good quality.*  
*The boiler is to the order of the Goole S.B. & Rep. Co. and intended for ship No 220.*  
*This vessel has been properly fitted & secured on board the S.S. "Glenside", & its safety valves adjusted under steam pressure.*  
*P. Fitzgerald.*

Survey request form

No *C1749* attached

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

MONTHLY ACCOUNT.

Peter W. Hegor.

Engineer Surveyor to Lloyd's Register of Shipping.  
 TUE. SEP. 6 1921Committee's Minute *GLASGOW 11 MAY 1920*

Assigned TRANSMIT TO LONDON

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