

REPORT ON BOILERS.

No. 40356

Writing Report *13th Sept 1920* When handed in at Local Office *13. 9. 1920* Port of *Glasgow*
 Received at London Office *WED. SEP. 15 1920*
 Survey held at *Annan* Date, First Survey *13th August* Last Survey *10th Sept 1920*
 on the *Donkey Boiler No 8457. SS. "HITHERWOOD."* (Number of Visits *5.*) Tons } Gross
 } Net
 Built at *Annan* By whom built *Cochran & Co. Annan Ltd* When built *1920*
 made at *C. A. Stewart & Co* When made *1920*
 Port belonging to *London.*

GENERAL DONKEY BOILER— No. *8457* Description *Cochran* Manufacturers of steel *D Colville & Sons*
Annan By whom made *Cochran & Co* When made *1920* Where fixed *Stockhold* Working pressure *100*
 hydraulic pressure to *200* Date of test *10/9/20* No. of Certificate *15471* Fire grate area *22 1/2* Description of safety valves *spring loaded.*
 safety valves *2.* Area of each *4.9* Pressure to which they are adjusted *100 lbs* If fitted with easing gear *yes.* If steam from main boilers can
 donkey boiler *no.* Dia. of donkey boiler *6'-6"* Length *14'-0"* Material of shell plates *Steel* Thickness *1/2" 19/32* Range of tensile
28/32 Descrip. of riveting long. seams *S.R. Lap.* Dia. of rivet holes *27/32* Whether punched or drilled *drilled* Pitch of rivets *2.50"*
 Rivets *66.6* Working pressure of shell by rules *105* Thickness of shell crown plates *7/16" 22/32*
 Rivets *48* Per centage of strength of joint *68.5* Working pressure of shell by rules *105* Thickness of shell crown plates *7/16" 22/32*
 No. of stays *39* Dia. of stays *1/2"* Diameter of furnace. Top Radius *66"* Bottom *66"* Length of furnace *43 1/4"*
 Description of joint *Riveted Ring* Working pressure of furnace by rules *100* Thickness of furnace crown
 Radius of do. *33 inches* Stayed by *Hemisphere* Diameter of uptake *15" x 23"* Thickness of uptake plates *7/16"*
 Thickness of uptake plates *7/16"*
 B. *13/32"*

The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
G. Malley

During progress of work in shops - *1920 Aug 13. 20. 27 Sep 3. 10.*
 During erection on board vessel - -
 Total No. of visits *5.*

Drawing No 11644.

Is the approved plan of boiler forwarded herewith

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

*This boiler has been built under special survey.
 The workmanship and materials are good.*

This boiler has been fitted in the Stockhold of the vessel & satisfactorily staged, its safety valves were adjusted to 100 lbs. when the boiler was tight & satisfactory.

J. Mackillop.

*Roll
16/9/20*

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

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

TUE. NOV. 21 1922

FRI. 8 JUN. 1923

Committee's Minute **GLASGOW** 14 SEP 1920
 TRANSMIT TO LONDON

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 Foundation

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