

REPORT ON BOILERS.

No. 38941.

Received at London Office **THU. JUL. 17. 1919**

of writing Report **11 July 1919** When handed in at Local Office **12/7/19** 1919. Port of **Glasgow.**

No. in Survey held at **Annan.** Date, First Survey **10/1/19.** Last Survey **11 July 1919**

Book. on the **Donkey Boiler No 7953.** (Number of Visits **12**)

By whom built **Cochran Co. Annan Ltd.** When built **1919**

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Port belonging to

VERTICAL DONKEY BOILER— No. **7953** Description **Cochran** Manufacturers of steel **Stewart & Lloyd.**

At **Annan** By whom made **Cochran Co** When made **1919** Where fixed **Working pressure 100**

Tested by hydraulic pressure to **200** Date of test **11. 7. 19** No. of Certificate **14818** Fire grate area **41 1/2** Description of safety valves

Area of each **28 3/32** Pressure to which they are adjusted **200** If fitted with easing gear **None** If steam from main boilers can be used **None**

Dia. of donkey boiler **8'-6"** Length **17'-0"** Material of shell plates **Steel** Thickness **5/8 23/32** Range of tensile **28750**

Length of riveting long. seams **28 3/32** Descrip. of riveting long. seams **Exp. S. R** Dia. of rivet holes **3/32** Whether punched or drilled **Drilled** Pitch of rivets **2-9 3/4**

Per centage of strength of joint **4 3/4** Rivets **68.7** Working pressure of shell by rules **106** Thickness of shell crown plates **9/16 1/8**

Plates **6.3** Diameter of furnace Top **Radius** Bottom **7'-6"** Length of furnace **52 3/8**

No. of Stays to do. **None** Dia. of stays **None** Diameter of furnace plates **2 1/2 1/8** Description of joint **None** Working pressure of furnace by rules **118** Thickness of furnace crown plates **2 1/2 1/8**

Radius of do. **3'-9"** Stayed by **Hemisphere** Diameter of uptake **18" x 28 1/2"** Thickness of uptake plates **9/16**

Thickness of water tubes **7. 15/16** B. **7/8**

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

Dates { During progress of work in shops - - { **1919 Jan 10. 17. 24. 31. Feb 7. 14. 21. June 13. 20. 27. July 4. 11.**

Survey while building { During erection on board vessel - - { **None**

Total No. of visits **12.** Drawing No **11125**

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 & materials are good.*

Survey request form
No **C1584** attached

Survey Fee **£ 2 : 2 :** When applied for, **19**

Travelling Expenses (if any) **£ : :** When received, **19**

MONTHLY ACCOUNT

Peter W. Chegor
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute **GLASGOW 15 JUL 1919**

Assigned **TRANSMIT TO LONDON**

