

# REPORT ON BOILERS.

No. 40557.

WED. NOV. 10 1920

Received at London Office  
 Date of writing Report 5<sup>th</sup> Nov 20 When handed in at Local Office 6. 11. 20. Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 8. 10. 20 Last Survey 4<sup>th</sup> Nov 1920  
 g. Book. on the Donkey Boiler No 8510 S/L Laurel Park (Number of Visits 4) Gross 1935  
 Tons Net 1188  
 Built at Grangemouth By whom built Grangemouth byd Ltd 406 When built 1922  
 By whom made Cochran & Co. Annan Ltd When made 1920  
 Port belonging to Greenock

**VERTICAL DONKEY BOILER**— No. 8510 Description Cochran Manufacturers of steel Steel Coy of Scotland,  
 Made at Annan By whom made Cochran & Co When made 1920 Where fixed In stockhold Working pressure 100  
 Tested by hydraulic pressure to 200 Date of test 4/11/20 No. of Certificate 5562 Fire grate area 26 1/2 sq ft Description of safety valves 2 Direct Spring  
 of safety valves 2 DIA of each 3" Pressure to which they are adjusted 100. If fitted with easing gear Yes. If steam from main boilers can  
 enter the donkey boiler No. Dia. of donkey boiler 7'-0" Length 14'-0" Material of shell plates Steel Thickness 7/32-7/8 Range of tensile  
 length 25 1/2 Descrip. of riveting long. seams Lap S.R. Dia. of rivet holes 7/32 Whether punched or drilled drilled Pitch of rivets 3.02  
 p of plating 4 1/2 Per centage of strength of joint Rivets 68.4 Working pressure of shell by rules 100 Thickness of shell crown plates 7/8-15/32  
 dia. of do. 42 No. of Stays to do. 4 Dia. of stays 1 1/2 Diameter of furnace Top Radius Bottom 72 in Length of furnace 47 3/4 in  
 thickness of furnace plates 7/32-7/8 Description of joint Rivet Ring Working pressure of furnace by rules 100 Thickness of furnace crown  
 plates 7/32 Radius of do. 36 inches Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 7/16  
 thickness of water tubes plates 7/8 B. 3/4  
 The foregoing is a correct description,  
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
 G. Waller

Dates During progress of work in shops - 1920 Oct 8. 15. 22. Nov 4.  
 Survey while board vessel - -  
 Total No. of visits 4

Drawing no 9695

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 good.  
 The boiler is to the order of D Rowan & Co for Contract No 756  
 The boiler has been securely fitted on board the vessel, and the safety valves  
 adjusted under steam as stated above.

Survey request form

No C1492 attached

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

Monthly etc.

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
 See Gls. Rpt. No. 42134

Committee's Minute GLASGOW - 9 NOV 1920

Assigned TRANSMIT TO LONDON

GLASGOW

20 AUG 1922

See Gls. Rpt. No. 42134

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