

THU. DEC. 19. 1912

Std Rpt 25540  
to Chas

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# REPORT ON BOILERS.

No. 31841

WED. SEP. 11. 1912

Date of writing Report 6-9-12 When handed in at Local Office 10-9-12 Port of Glasgow  
No. in Survey held at Annan Date First Survey 27-3-12 Last Survey 6-9-1912  
of Safety Book: on the Donkey Boiler for Messrs McColl & Pollock C 236- (Number of Visits 3) Gross Tons Net  
Master Built at Alloa By whom built Mackay Bros When built 1912  
Boiler made at Annan By whom made Cochran & Co Annan Ltd When made 1912  
Owners J & J D Enholm Port belonging to Greenock

VERTICAL DONKEY BOILER— No. 5675 Description Cochran Pat<sup>d</sup> Manufacturers of steel Stewart & Lloyd  
Made at Annan By whom made Cochran & Co When made 1912 Where fixed Sketohold Working pressure 100  
Tested by hydraulic pressure to 200 Date of test 6-9-12 No. of Certificate 11761 Fire grate area 22.5 Description of safety valves Two direct spring  
No. of safety valves two Area of each 4.91 Pressure to which they are adjusted 105 If fitted with easing gear yes If steam from main boilers can  
enter the donkey boiler no Dia. of donkey boiler 6-6 Length 14-0 Material of shell plates S Thickness 2-19/32 Range of tensile  
strength 28-32 Descrip. of riveting long. seams dl Dia. of rivet holes 22/32 Whether punched or drilled d Pitch of rivets 2-609-  
Top of plating 48 Per centage of strength of joint Rivets 66-9 Working pressure of shell by rules 105 Thickness of shell crown plates 3-7/16  
Radius of do. 3-3 No. of Stays to do. none Dia. of stays 1-6 Diameter of furnace Top 2-9 Bottom 2-9 Length of furnace 3-7/4  
Thickness of furnace plates 7/16-7/8 Description of joint hemisphere & R.R. Working pressure of furnace by rules 102 Thickness of furnace crown  
plates 7/16 Radius of do. 2-9 Stayed by hemisphere Diameter of uptake 13-x22 Thickness of uptake plates 7/16  
Thickness of water tubes Plate F 13/16 B 23/32  
The foregoing is a correct description.  
Harry J. Davies Manufacturer. 12912

Dates During progress of work in shops - 1912. March 27. April 3. Sept. 6.  
of Survey During erection on board vessel -  
while building Total No. of visits 3.7 Dec. 3. 6. 9. 13  
Is the approved plan of boiler forwarded herewith Yes No 8885

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)  
The Material & workmanship is good.  
The boiler has been built under special survey.

Survey request form  
No. 6634 attached  
The boiler has been satisfactorily fixed in the Sketohold of the vessel and  
its safety valves adjusted, as above, both washers - 1 1/2  
Lewis Evans  
Sunderland 10-12-12

Survey Fee ... £ 2.2 : When applied for, Monthly Account.  
Travelling Expenses (if any) £ : : When received, 19  
Committee's Minute GLASGOW 10 SEP. 1912  
Assigned Transmit to London.  
John H. Heck  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
FRI. DEC. 20. 1912  
Lloyd's Register Foundation  
W97-0020