

REPORT ON BOILERS.

No. 27077
WED. 14 OCT 1908

Date of writing Report *Oct 4th 08* When handed in at Local Office *12/10/08* Port of *Glasgow*
No. in Survey held at *Annan* Date, First Survey *20th Aug. 1908* Last Survey *9/10/1908*
Reg. Book. *Boiler for Messrs John Priestman & Co Sunderland (55 125)* Tons {Gross
on the *5/5 Greenbath* Net
Master Built at By whom built When built
Boilers made at By whom made When made
Owners Port belonging to

VERTICAL DONKEY BOILER No. *4954* Description *Cochran Patent* Manufacturers of steel *Stewart & Lloyd*
Made at *Annan* By whom made *Cochran & Co Annan* When made *1908* Where fixed *In Stow hold* Working pressure *100 lbs.*
tested by hydraulic pressure to *200 lbs.* Date of test *9-10-08* No. of Certificate *9688* Fire grate area *22.5 sq* Description of safety valves *Spring Patent*
No. of safety valves *2* Area of each *4.91* 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 *6-6"* Length *14-0"* Material of shell plates *Steel* Thickness *2-4 19/32"* Range of tensile strength *28.38 lbs* Descrip. of riveting long. seams *Dark riv. exp.* Dia. of rivet holes *2 1/8"* Whether punched or drilled *drilled* Pitch of rivets *2 1/2", 2 3/4", 2 5/8"*
Lap of plating *4-8"* Per centage of strength of joint *69.6* Working pressure of shell by rules *105.5 lbs* Thickness of shell crown plates *1 1/16"*
Radius of do. *3-3"* No. of Stays to do. *none* Dia. of stays *2-9"* Diameter of furnace Top *2-9"* Bottom *height* Length of furnace *3-9 1/4"*
Thickness of furnace plates *9/16"* Description of joint *solid dish & riveted* Working pressure of furnace by rules *102.8* Thickness of furnace crown plates *9/16"* Radius of do. *2-9"* Stayed by *Kil* Diameter of uptake *13x28* Thickness of uptake plates *9/16"*
Thickness of water tubes *plates 1 3/16" & 9/32"*
The foregoing is a correct description.
For COCHRAN & CO. ANNAN, LIMITED, Manufacturer.
A. J. Bell

Dates of Survey while building { During progress of work in shops - - 1908 Aug. 20. 27. Sept. 3. 10. 17. 24. Oct. 1. 9.
During erection on board vessel - - -
Total No. of visits *8* Is the approved plan of boiler forwarded herewith *Yes*

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) *This boiler has been made under survey, the material & workmanship are of good description and the hydraulic test proved satisfactory.*

DRAWING No 6210.

Request No C. 11 attached

This Boiler has been satisfactorily fitted on board, & mountings also fitted, but the safety Valves have not been adjusted under steam; nor the easing gear fitted, thus it is intended to do at Newcastle & the surveyors have been so advised.

Survey Fee ... £ *2 : 2* : When applied for, *October 1908*
Travelling Expenses (if any) £ : : When received, *19*

James Morrison Wm. Coomber.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *GLASGOW 13 OCT. 1908*

Assigned *Transmit to London*

W446 - 0007

FRI. 11 DEC 1908

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