

REPORT ON BOILERS.

Wwe No. 55237.
Eys. No. 26550
WED 6 MAY 1908

Date of writing Report 1908 When handed in at Local Office 2/6/1908 Port of Glasgow
No. in Survey held at Annan Date, First Survey 28th Febry. Last Survey 24/4/08
Reg. Book. 1176 on the Donkey Boiler for S. S. Sir Walter Scott (Blyth S. S. Coy No 148) (Number of Visits 9) (Gross Tons) (Net Tons)
Master J. Keel Built at Blyth By whom built Blyth Shipbuilding Co When built 1908
Boilers made at Sunderland By whom made N. E. Machine Eng. Co When made 1908
Owners Messrs J. O. Scott Port belonging to Newcastle-on-Tyne

VERTICAL DONKEY BOILER No. 10545 Description Vertical Cornuta Manufacturers of steel Stewart & Lloyd
Made at Annan By whom made Cochrane & Co Annan When made 1908 Where fixed Stockhold Working pressure 90 lbs
tested by hydraulic pressure to 180 Date of test 24/4/08 No. of Certificate 9378 Fire grate area 16^{sq} ft Description of safety valves Spring Loaded
No. of safety valves Two Area of each 4.91 Pressure to which they are adjusted 90 If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 5-6 Length 11-0 Material of shell plates Steel Thickness 13/32 Range of tensile strength 28-34 Descrip. of riveting long. seams Lap double Dia. of rivet holes 23/32 Whether punched or drilled Drilled Pitch of rivets 2.65
Lap of plating 32 Per centage of strength of joint Rivets 70.6 Working pressure of shell by rules 99 lbs Thickness of shell crown plates 9/16
Radius of do. 4-9 No. of Stays to do. None Dia. of stays Diameter of furnace Top 4-2 Bottom 4-8 3/8 Length of furnace 4-10 1/2
Thickness of furnace plates 9/16 Description of joint riveted Working pressure of furnace by rules 99 lbs Thickness of furnace crown plates 31/32 Radius of do. 4-9 Stayed by Diameter of uptake 14 Thickness of uptake plates 1/2
Thickness of water tubes 3/8

The foregoing is a correct description.
For COCHRANE & CO. ANNAN, LIMITED.
M. J. Bell Manufacturer.

Dates of Survey while building { During progress of work in shops - - 1908 Febry 28 Mar 5 9 18 25 Apr 10 15 16 24.
{ During erection on board vessel - - -
Total No. of visits 9

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 materials & workmanship are of good description and the hydraulic test proved satisfactory.

Drawing No 6888.

This Boiler has now been fitted on the above vessel & the Safety Valves adjusted under steam

Survey Fee ... £ 2 : 2 : When applied for, April 9th 1908
Travelling Expenses (if any) £ : : When received, 19

Committee's Minute Glasgow - 5 MAY 1908
Assigned Transmit to London

James Holliday & A. McEwan
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

G. A. Dryden Joyce

FRI. 21 AUG 1908

W375-0072

Lloyd's Register Foundation