

REPORT ON BOILERS.

No. 26065

Date of writing Report 26 Oct^r 1907 When handed in at Local Office 11/12/1907 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 11th Oct^r Last Survey 20th Oct^r 1907
 Reg. Book. on the donkey boiler for Hutson & Sons. No. 285 (Number of Visits 4) Gross Tons Net Tons
 Master Built at Campbelltown By whom built Campbelltown Ship Co Ltd When built 1907
 Boilers made at By whom made When made
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. 4313 Description Cochran's Pat. Manufacturers of steel Clydebridge Steel Co^l
 Made at Annan By whom made Cochran & Co^l When made 1907 Where fixed Stakehold Working pressure 100
 tested by hydraulic pressure to 200 Date of test 15/10/07 No. of Certificate 9174 Fire grate area 22 $\frac{1}{2}$ ft² Description of safety valves double spring loaded
 No. of safety valves 2 Area of each 3.97⁵ Pressure to which they are adjusted 105 lb. If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no Dia. of donkey boiler 6" 6" Length 13" 6" Material of shell plates steel Thickness $\frac{1}{2}$ " Range of tensile strength 27-32 Descrip. of riveting long. seams double Dia. of rivet holes $\frac{34}{32}$ Whether punched or drilled drilled Pitch of rivets $\frac{45}{8}$ "
 Lap of plating $\frac{1}{8}$ " Per centage of strength of joint Rivets 66.9 Plates 67.7 Working pressure of shell by rules 100 lbs Thickness of shell crown plates $\frac{3}{16}$ + $\frac{3}{4}$ "
 Radius of do. 3" 3" No. of Stays to do. ✓ Dia. of stays ✓ Radius Diameter of furnace Top 2" 9" Bottom ✓ Length of furnace ✓
 Thickness of furnace plates $\frac{9}{16}$ " Description of joint riveted Working pressure of furnace by rules 102 lbs Thickness of furnace crown plates $\frac{9}{16}$ " Radius of do. 2" 9" Stayed by ✓ Diameter of tubes 2 $\frac{1}{2}$ " Thickness of tube plates $\frac{13}{16}$ + $\frac{23}{32}$ "
 Thickness of stay tubes $\frac{1}{4}$ "

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building { During progress of work in shops - - - } 1907 Oct 11. 16. 25. 30
 { During erection on board vessel - - - }
 Total No. of visits 4

Is the approved plan of boiler forwarded herewith Yes

Plan returned to Glasgow 18.12.07.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

This boiler has been made under survey, the materials & workmanship are good. To be fitted on board at Glasgow

Drawing No 6058.

RETAIN

Survey Fee ... £ 2 : 2 : }

When applied for, 5/11/1907

Travelling Expenses (if any) £ : : }

When received, 16/11/1907

J. W. Dimmock, James Halliday
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Glasgow 16 DEC 1907

Assigned

Deferred for completion



Lloyd's Register
 Foundation

W451-0120