

REPORT ON BOILERS.

No. 6233.

JUL 3 MAY 1910

Date of writing Report 2/5/10 When handed in at Local Office 24th May 1910 Port of Middlesbrough
 No. in Survey held at Stockton-on-Tees Date, First Survey 26th March Last Survey 27th April 1910
 Reg. Book. 1539 on the S.S. "Speedwell" (Number of Visits 6) Gross 974 Tons Net 579
 Master E. Hancock & Co. Built at Blyth By whom built Hodgson & Soulsby When built 1880-6
 Boilers made at Stockton By whom made Messrs Riley Bros (No 4149) When made 1910
 Owners E. Hancock & Co. Port belonging to Falmouth

VERTICAL DONKEY BOILER— No. one Description Vert. 4 corr tubes Manufacturers of steel James & Sons
 Made at Stockton By whom made Messrs Riley Bros When made 1910 Where fixed stokehold Working pressure 100
 Tested by hydraulic pressure to 200 Date of test 27.4.10 No. of Certificate 4417 Fire grate area 21 Description of safety valves Spring loaded
 No. of safety valves 1 Area of each 3 3/4 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'-0" Length 11'-0" Material of shell plates steel Thickness 15/32 Range of tensile
 strength 28-32 Descrip. of riveting long. seams 2 Riv lap Dia. of rivet holes 15/16 Whether punched or drilled punched Pitch of rivets 3 1/4
 Lap of plating 4 1/2 Per centage of strength of joint 77 Rivets 77 Working pressure of shell by rules 112 Thickness of shell crown plates 7/16
 Radius of do. 5'-0" No. of Stays to do. 6 Dia. of stays 1 1/2 Diameter of furnace Top 4'-11 Bottom 5'-3 1/2 Length of furnace 5'-0"
 Thickness of furnace plates 19/32 Description of joint single lap Working pressure of furnace by rules 100 Thickness of furnace crown
 plates 19/32 Radius of do. 5'-0" Stayed by as shell crown Diameter of uptake 16" Thickness of uptake plates 7/16
 Thickness of water tubes 3/8"

The foregoing is a correct description.

FOR RILEY BROS. (BOILERMAKERS) LIMITED Manufacturer.

Dates { During progress of work in shops - - 1910. Mar. 26. Apr. 5. 13. 20. 22. 27.
 Survey while board vessel (3m) 1910:- June 28th. July 1. 7. 13.
 Total No. of visits 6 + 4 = 10.

Is the approved plan of boiler forwarded herewith yes

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

This boiler has been built under special survey in accordance with the approved plan, the Secretary's letter E-18.3.10 and in general conformity with the Rules. The materials and workmanship are sound and good and on completion the boiler was tested by hydraulic pressure with satisfactory results. The boiler is to be sent to Cardiff

Survey Fee ... £ 2-2-0 When applied for Monthly etc.
 Travelling Expenses (if any) £ ✓ : When received, 19

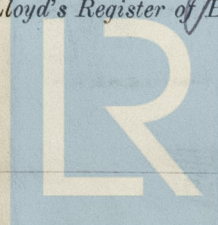
W. Morrison Lloyd's Register
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUES. 19 JUL 1910

Assigned

Rpt. C/1
 5/57.0



Lloyd's Register
 Foundation