

# REPORT ON BOILERS.

No. 66263

Received at London Office

WED. JUN. 17. 1914

Report made April 1914 When handed in at Local Office JUN 16 1914 Port of Newcastle on Tyne  
 Survey held at Newcastle Date, First Survey 3rd Feb. 1914 Last Survey 10th Jun 1914  
 in the Steel screw steamer "Yaguigalpa" (Number of Visits ) Gross 2928 Tons Net 1864  
 Built at Aberdeen By whom built Hall Russell & Co. Ltd When built 1894-10  
 Made at Aberdeen By whom made Hall Russell & Co. Ltd When made 1894  
 Made at Newcastle By whom made Swan Hunter & Wigham Richardson Ltd When made 1914  
 Horse Power Owners Vaccaro Bros. Port belonging to

**TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.**—Manufacturers of Steel J. Spence & Son & D. Colville & Sons.  
 record 1 ) Total Heating Surface of Boilers 6418 sq ft Is forced draft fitted No. and Description of  
 2 S. S. hulls Cyls Working Pressure 186 lbs Tested by hydraulic pressure to 240 lbs Date of test 8.3.14  
 Certificate 8630 Can each boiler be worked separately Yes Area of fire grate in each boiler 81 1/2 sq ft No. and Description of  
 valves to each boiler Two spring loaded Area of each valve 8.29 sq in Pressure to which they are adjusted 190 lbs  
 fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler  
 distance between boilers or uptakes and bunkers or woodwork 4' 6" Mean dia. of boilers 14' 3 1/2" Length 11' 6"  
 shell plates Steel Thickness 1 3/32 Range of tensile strength 29 3/4 / 33 Are the shell plates welded or flanged No  
 riveting: cir. seams d r lap long. seams 2. A. d. b. s Diameter of rivet holes in long. seams 1 1/2" Pitch of rivets 21"  
 width of butt straps 2' 9 3/8 Per centages of strength of longitudinal joint rivets 94.8 Working pressure of shell by  
 plate 92.8  
 Size of manhole in shell 16" x 12" Size of compensating ring 14" dia doubling 1 1/2" No. and Description of Furnaces in each  
 1 No. 1 Material Steel Outside diameter 44 1/8" Length of plain part top Thickness of plates crown 1 1/32 bottom 1 1/32  
 of longitudinal joint Weld No. of strengthening rings Working pressure of furnace by the rules 197 lbs Combustion chamber  
 material Steel Thickness: Sides 3/8" & 1/2" Back 1/2" Top 3/8" & 1/2" Bottom 2 1/32" Pitch of stays to ditto: Sides 8 3/4" x 8" Back 9" x 9 1/4"  
 If stays are fitted with nuts or riveted heads Yes Working pressure by rules 192 lbs Material of stays Steel Diameter at  
 2.03" Area supported by each stay 83.25 sq in Working pressure by rules 197 lbs End plates in steam space: Material Steel Thickness 1 1/32"  
 stays 2 1/2" x 1 1/4" How are stays secured On wash Working pressure by rules 191 lbs Material of stays Steel Diameter at smallest part 4.84"  
 supported by each stay 3 1/2" Working pressure by rules 216 lbs Material of Front plates at bottom Steel Thickness 3/32" Material of  
 plate Steel Thickness 1" Greatest pitch of stays 14 1/4" x 9 1/4" Working pressure of plate by rules 240 lbs Diameter of tubes 3 1/4"  
 tubes 4 1/2" x 4 3/8" Material of tube plates Steel Thickness: Front 3/32" & 1/32" Back 1/2" Mean pitch of stays 13 1/2" x 8 1/4" Pitch across wide  
 plates 14 1/4" Working pressures by rules 189 lbs Girders to Chamber tops: Material Steel Depth and thickness of  
 centre 11 1/8" x 1 1/4" Length as per rule 35 1/2" Distance apart 9" Number and pitch of Stays in each 3' 8"  
 pressure by rules 188 lbs Superheater or Steam chest: how connected to boiler Can the superheater be shut off and the boiler worked  
 Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet  
 Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness  
 with rings Distance between rings Working pressure by rules End plates: Thickness How stayed  
 pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

The foregoing is a correct description,

G. F. Tweedy Manufacturer.  
 DIRECTOR

During progress of 1914 Feb 3. 9. 16. 18. 20. 23. 25. 27. Mar. 6. 15. Is the approved plan of boiler forwarded herewith  
 work in shops - - -  
 During erection on See Machinery Report Total No. of visits 10 +  
 board vessel - - -

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

Boilers have been built under special survey, the material & workmanship are  
 they have been efficiently mounted & fitted on board and their safety valves  
 tested under steam. In my opinion the vessel is eligible to have the  
 notation of  $\oplus$  NB - 14 made in the Register Book.

Fee ... £ 13 - 0 - 6 When applied for, JUN 16 1914  
 Ling Expenses (if any) £ : : When received, 11/7/14

Boiler's Minute

TUE. JUN. 23 1914 FRI. SER 25. 1914

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



© 2021

Lloyd's Register  
 Foundation

NWC 876-0083