

# REPORT ON BOILERS.

No. 13588

Report *Nov 13<sup>th</sup> 1908* When handed in at Local Office *Nov 16<sup>th</sup> 1908* Port of *West Hartlepool*  
 Date, First Survey *20<sup>th</sup> May, 1908* Last Survey *13<sup>th</sup> November 1908*  
 By whom made *Central Marine Engine Works*  
 When built *1893-9*  
 When made *1893-9*  
 Port belonging to *London*

**DONKEY BOILER** No. *One* Description *6 Cross tubes* Manufacturers of steel *South Durham S.D.C.*  
 By whom made *W. Gray & Co. Ltd* When made *1908* Where fixed *Stokehold* Working pressure *90 lbs*  
 Description of safety valves *dried spring*  
 Area of each *14.18* Pressure to which they are adjusted *90 lb* If fitted with easing gear *Yes* If steam from main boilers can  
 Dia. of donkey boiler *7'-6"* Length *14'-0"* Material of shell plates *Steel* Thickness *16/32* Range of tensile  
 Description of riveting long. seams *D.R. Lap* Dia. of rivet holes *7/8"* Whether punched or drilled *Punched and* Pitch of rivets *2 7/8"*  
 Per centage of strength of joint *71.1* Working pressure of shell by rules *95 lbs* Thickness of shell crown plates *5/8"*  
 No. of Stays to do. *7* Dia. of stays *2" B.T.* Diameter of furnace Top *5'-1"* Bottom *6'-6"* Length of furnace *5'-9 1/2"*  
 Description of joint *S.R. Lap* Working pressure of furnace by rules *97.6 lbs* Thickness of furnace crown  
 Radius of do. *8'-6"* Stayed by *7-2" stays* Diameter of uptake *15 1/2"* Thickness of uptake plates *3/8"*

The foregoing is a correct description,  
 FOR WILLIAM GRAY & CO. LIMITED,  
*R.W. Dryden* Manufacturer.

progress of *1908. May, 20, 27, 28. June 2, 3, 5, 11, 15, 22, 25. Nov. 13*  
 in shops - }  
 erection on }  
 vessel - - }  
 No. of visits *11*

Is the approved plan of boiler forwarded herewith *Yes.*

**REMARKS** (State quality of workmanship, opinions as to class, &c.) *Workmanship good.*

*Boiler has been constructed under Special Power and the materials and workmanship are good and efficient. On completion it satisfactory with closed the fire test. It is stated that this boiler is to be sent to Cardiff for fitting on board.*

Fee ... £ *2 : 2 : 9* When applied for, *16-11-1908*  
 Expenses (if any) £ ... When received, *16-11-1908*

*C.P. Hudson*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

tee's Minute *TUES. 5 JAN 1909*

*Send over off.*