





8473 Lp

**DONKEY BOILER—** Description *Vertical (4 Cross tubes)*  
Made by *David Henderson* of whom made *at Glasgow* when made *1888* where fixed *in St. Kehon*  
Working pressure *60 lbs* tested by hydraulic pressure to *120 lbs* No. of Certificate *1916* fire grate area *20 ft<sup>2</sup>* description of  
valves *Direct Spring* No. of safety valves *Two* area of each *5.4"* if fitted with easing gear *Yes* if steam from main boiler  
enter the donkey boiler *No* diameter of donkey boiler *6'-3"* length *11 ft<sup>2</sup>* description of riveting *Double riveted*  
Thickness of shell plates *9/16"* diameter of rivet holes *1 3/16"* whether punched or drilled *Drilled* pitch of rivets *2 3/4"* lap of plating *4*  
per centage of strength of joint *90.45%* thickness of crown plates *9/16"* stayed by *Stays 1 3/8" dia + uptake*  
Diameter of furnace, top *4'-8"* bottom *5'-8"* length of furnace *6'-1 1/2"* thickness of plates *9/16"* description of joint *welded*  
Thickness of furnace crown plates *8/16"* stayed by *as above* working pressure of shell by rules *88*  
Working pressure of furnace by rules *60 lbs* diameter of uptake *10"* thickness of plates *7/16" iron* thickness of water tubes *7/16" iron*

**SPARE GEAR.** State the articles supplied: *On set of valves for all the pumps. Air. Circulating, Feed & Bilge with seats, 1 Check valve, and one set of rubber joints for boiler doors*

The foregoing is a correct description,  
*David Henderson* Manufacturer.

**General Remarks** (State quality of workmanship, opinions as to class, &c. *These Engines and Boilers are of good workmanship and materials and are in good order and safe working condition and eligible for opinion to be noted in the Register Book* C. 4/88 Lloy

This engine & boiler have been notified as eligible to have the notification + time 4 8/88

The amount of Entry Fee .. £ *2* : - : - received by me,  
Special .. £ *18* : - : -  
Donkey Boiler Fee .. £ - : - : -  
Certificate (if required) .. £ - : - : - *16/4/1888*  
To be sent as per margin.  
(Travelling Expenses, if any, £ -)

Committee's Minute FRIDAY 20 APRIL 1888  
*+ LME 4/88*

*James Morrison*  
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.  
*Clude District*

