



**DONKEY BOILER** - Description / Point Horizontal 68059  
 Made at Sunderland by whom made James Lloyd when made 1884 where fixed On main feed  
 Working pressure 30 lbs tested by hydraulic pressure to 160 lbs No. of Certificate 1001 fire grate area 21 ft<sup>2</sup> description of safety valves *First Spring*  
 No. of safety valves *Two* area of each *4"* if fitted with easing gear *Yes* if steam from main boilers can enter the donkey boiler *No*  
 diameter of donkey boiler *10'-0 3/8"* length *8'-11 3/8"* description of riveting *Double butt Stays double*  
 Thickness of shell plates *1 1/16"* diameter of rivet holes *3/8"* whether punched or drilled *Drilled* pitch of rivets *3 3/4"* lap of plating *Stays*  
 per centage of strength of joint *43* thickness of crown plates *1 3/16"* stayed by *Bar Stays 2 1/2" dia screwed (solid)*  
 Diameter of furnace, top *3' 6"* bottom *3'* length of furnace *6' 6"* thickness of plates *3/16"* description of joint *Double butt Stays*  
 Thickness of <sup>Combustion Chamber</sup> furnace plates *3/16"* stayed by *Screw Stays 1 1/2" dia 9" x 8 3/8" pitch* working pressure of shell by rules *10 1/2 lbs*  
 Working pressure of furnace by rules *9 1/2 lbs* diameter of uptake *4"* thickness of plates *3/16"* thickness of water tubes *3/16"*

**SPARE GEAR.** State the articles supplied: *One half Crank Shaft, Propeller Shaft, 1 pair Crank pin-brasses, 2 connecting rods bolts top & bottom ends, 1 Air & Circulating pump rod with nuts, set of valve spindle, Crayting bolts, 2 propeller blades, 1 P, 1 D, & 1 P, piston Completes, 2 sets of feed & bilge pumps, 2 sets of India rubber valves for the Air & Circulating pumps, 100 boiler & 20 Condenser tubes & a Co.*  
 The foregoing is a correct description, quantity of other gear, also large assortment of bolts  
*J. M. Lloyd* Manufacturer.

**General Remarks** (State quality of workmanship, opinions as to class, &c. *The Engines & Boilers of this be*  
*are of the best materials & workmanship and every care has been taken in*  
*carrying out all the details. And together with the whole of the machinery has*  
*been tried & tested under full power & found to be in good order and*  
*safe working condition & reliable in my opinion to be noted in the*  
*Register Book. Lloyds M.C. 1/85*  
*The whole of the Shafting has been turned and finished at the*  
*Engineers works.*

*This is acknowledged that  
 this vessel is eligible to  
 have the notification to  
 L.M.C. 1.85 recorded in  
 the Register Book C.V. 1.85*

The amount of Entry Fee .. £ 3 : - : - received by me,  
 Special .. .. £ 60 : - : -  
 Donkey Boiler Fee .. .. £ - : - : -  
 Certificate (if required) .. £ - : - : - *13/1/1885*  
 To be sent as per margin.  
 Travelling Expenses, if any, £ - 16/- )

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