

Workmanship Are the butts of plating planed or otherwise fitted? *Over Butts & the Joints of Rivets are Attached*

Diameter of tubes $3\frac{1}{2}$ " pitch of tubes $4\frac{3}{4}$ " thickness of tube plates, front $\frac{3}{4}$ " back $\frac{3}{4}$ "
How stayed *tube stays* pitch of stays $14\frac{1}{2}$ " width of water spaces $9\frac{1}{2}$ "
Diameter of ~~Superheated~~ Steam chest $5\frac{1}{2}$ " length $5\frac{1}{4}$ "
Thickness of plates $\frac{9}{16}$ " description of longitudinal joint *lap & rivet* diameter of rivet holes $\frac{7}{8}$ " pitch of rivets $2\frac{1}{8}$ "
Working pressure of shell by rules 95 lbs. Diameter of flue — thickness of plates —
If stiffened with rings — distance between rings — Working pressure by rules —
End plates of ~~superheated~~ steam chest; thickness $\frac{13}{16}$ " How stayed $7, 2\frac{1}{8}$ stays.
~~Superheated~~ steam chest; how connected to boiler *Steam pipes & stop valves.*

DONKEY BOILER— Description *Cylindrical and vertical*
Made at *Newcastle* By whom made *Falmer's Co* when made *July 1881.*
Where fixed *stokehole* working pressure 60 lbs. Tested by hydraulic pressure to 120 lbs. No. of Certificate 618
Fire grate area 30 sq. ft. Description of safety valves *Spanning* No. of safety valves 1 area of each 12.6 sq. ins.
If fitted with easing gear *yes.* If steam from main boilers can enter the donkey boiler *no.*
Diameter of donkey boiler $7\frac{1}{2}$ " length $13\frac{1}{2}$ " description of riveting *long seams double rivet*
thickness of shell plates $\frac{7}{16}$ " diameter of rivet holes $\frac{13}{16}$ " whether punched or drilled *drilled.*
pitch of rivets 3 " lap of plating 4 " per centage of strength of joint 71
thickness of crown plates $\frac{1}{2}$ " stayed by $6, 1\frac{3}{4}$ stays.
Diameter of furnace, top $5\frac{1}{2}$ " bottom $6\frac{1}{2}$ " length of furnace $6\frac{1}{2}$ "
thickness of plates $\frac{1}{2}$ " description of joint *lap.*
thickness of furnace crown plates $\frac{1}{2}$ " stayed by $6, 1\frac{3}{4}$ stays
Working pressure of shell by rules 65 lbs. working pressure of furnace by rules 67 lbs.
diameter of uptake 15 " thickness of plates $\frac{7}{16}$ " thickness of water tubes $\frac{3}{8}$ "

The foregoing is a correct description,
W. Murray & Co. Manufacturer.

General Remarks (State quality of workmanship, opinions as to class, &c.)

The Machinery of this vessel has been specially surveyed during construction, the materials and workmanship good, and render the vessel eligible in my opinion to have the notification of Lloyd's M. 6781 recorded in the Society Register Book.

This submitted that this vessel is eligible to have the notification of Lloyd's M. 6781 recorded. W. Murray & Co. 24/8/81

David Purves
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

The amount of Entry Fee $\pounds 3$: — : — received by me,
Special .. $\pounds 33$: — : — } *10/6/81*
Certificate (if required) \pounds — : — : — *18th Aug 1881*
To be sent as per margin.
(Travelling Expenses, if any, \pounds —)

Committee's Minute *Tuesday, August, 23rd 1881.*
+ Lloyd's

