

Diameter of tubes $3\frac{5}{8}$ " pitch of tubes $5\frac{1}{8}$ " thickness of tube plates, front $\frac{3}{4}$ " back $\frac{1}{16}$ "
 How stayed *Stay tubes* pitch of stays $10\frac{1}{4}$ " width of water spaces 12 "
 Diameter of Superheater or Steam chest *none* length ---
 Thickness of plates --- description of longitudinal joint --- diameter of rivet holes --- pitch of rivets ---
 Working pressure of shell by rules --- Diameter of flue --- thickness of plates ---
 If stiffened with rings --- distance between rings --- Working pressure by rules ---
 End plates of superheater, or steam chest; thickness --- How stayed ---
 Superheater or steam chest; how connected to boiler ---

DONKEY BOILER— Description *Vertical 3 Corp tubes*
 Made at *Gateshead* By whom made *Clarke Chapman & Co* when made *5.3.83*
 Where fixed *Stockhold* working pressure *80 lbs* Tested by hydraulic pressure to *160 lbs* No. of Certificate *1170*
 Fire grate area *20 sq* Description of safety valves *spring* No. of safety valves *2* area of each *7.07*
 If fitted with easing gear *yes* If steam from main boilers can enter the donkey boiler *no*
 Diameter of donkey boiler *6'6"* length *12'6"* description of riveting *Lap donkey riveted*
 thickness of shell plates *9/16* diameter of rivet holes *15/16* whether punched or drilled *punched*
 pitch of rivets *3 3/8"* lap of plating *4 5/8"* per centage of strength of joint *72%*
 thickness of crown plates *9/16* stayed by *8 Stay 1 1/4" diam*
 Diameter of furnace, top *4'8 3/8"* bottom *5'1 1/2"* length of furnace *5'1"*
 thickness of plates *9/16* description of joint *Lap Single riveted*
 thickness of furnace crown plates *9/16* stayed by *as above*
 Working pressure of shell by rules *92.8 lbs* working pressure of furnace by rules *73 lbs* compensated with *3 rows of*
 diameter of uptake *15"* thickness of plates *3/8"* thickness of water tubes *3/8"* *Secured stay*

The foregoing is a correct description,
Wm. Lamberton & 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 material and workmanship good and under the vessel eligible in my opinion to have the notification L.M.C.H. 83 in the Register Book of the Society.

As submitted that the vessel is eligible for the notification L.M.C.H. 83
19/4/83

The amount of Entry Fee --- £ 3 : - : - received by me,
 Special --- £ 35 : - : -
 Certificate (if required) --- £ - : - : - *18th April 1883*
 (Travelling Expenses, if any, £ ---)

Committee's Minute *Friday, 20th April, 1883.*

Richard Hiss
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

