

4898

MO. 13 JUL 1931
Received at London Office 18

Pitch of stays to ditto, sides 7° back 7½° top 7° If stays are fitted with nuts or riveted heads Nuts working pressure of plating by rules 211 L Diameter of stays at smallest part 1½" working pressure of ditto by rules 172 L end plates in steam space, thickness 1½"

Pitch of stays to ditto 18° how stays are secured All Nuts on both working pressure by rules 170 L diameter of stays at smallest part 3 in 2½" stub working pressure by rules 184 L Front plates at bottom, thickness 14/16 Back plates, thickness 14/16

Greatest pitch of stays 12° working pressure by rules 170 L Diameter of tubes 3¾" pitch of tubes 14½" thickness of tube plates, front 19/16" back 20/32" how stayed Wagon pitch of stays 9° width of water spaces 12"

Diameter of Superheater or Steam chest _____ length _____ thickness of plates _____ description of longitudinal joint _____ diam. 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 _____

416604-0222

DONKEY BOILER— Description *Blake's Patent Vertical Boiler*
Made at *Manchester* by whom made *James Blake* when made *1891* where fixed *Workehole*
Working pressure *90 lb* tested by hydraulic pressure to *180 lb* No. of Certificate *840* fire grate area *23 sq ft* description of safety
valves *Spring loaded* No. of safety valves *two* area of each *3.98 sq ft* if fitted with easing gear *Yes* if steam from main boilers can
enter the donkey boiler *No* diameter of donkey boiler _____ length _____ description of riveting _____
Thickness of shell plates _____ diameter of rivet holes _____ whether punched or drilled _____ pitch of rivets _____ lap of plating _____
per centage of strength of joint _____ thickness of crown plates _____ stayed by _____

Diameter of furnace, top _____ bottom _____ length of furnace _____ thickness of plates _____
Thickness of furnace crown plates _____ stayed by _____
Working pressure of furnace by rules _____ diameter of uptake _____ thickness of plates _____

No 840
LLOYD'S TEST
description of joint
180 LBS
working pressure of shell by rules
I.D.
thickness of water tubes
24. 2. 91

SPARE GEAR. State the articles supplied:— *Two top end Bolts, Two Bottom end Bolts, Two In
Bearing Bolts One set Coupling Bolts, One set Feed Pump Valve, One set Belge per
son of various sizes Bolts and nuts assorted, Safety Valve Springs, Piston Rods, Piston
Rings, Set of top end frames, set of Bottom end frames, Eccentric rods & shafts and the
High & Intermediate piston rods and springs, Air Pump bucket and valve seat complete
Upward for Centrifugal circulating pump, set of main Donkey check Valve*

EARLE'S

SHIPBUILDING & ENGINEERING CO. LIMITED
The foregoing is a correct description,

For *A. E. Steam* Manufacturer.

GENERAL MANAGER & DIRECTOR
General Remarks (State quality of workmanship, opinions as to class, &c. *Workmanship Good*)

*The Machinery and Boilers of this vessel have been
constructed under Special Survey and placed on board in
accordance with the Society's Rules. They are now in my opinion
in safe working condition and the case is respectfully sub-
mitted for the notification + L.M.C. 7. 91. in the Register
Book*

*It is submitted that this vessel
is eligible to have + L.M.C. 7-91
recorded. M.A.
13-7-91*

The amount of Entry Fee .. £ *2* : 0 : 0 received by me,

Special £ *32* : 5 : 0

Donkey Boiler Fee £ : ✓ :

Certificate (if required) .. £ *Yes* : *24.8.1891*

To be sent as per margin.

(Travelling Expenses, if any, £ _____)

Committee's Minute *TUES. 14 JUL 1 31*

+ L.M.C. 7/91

James Linn
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

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Foundation