

DONKEY BOILER—

Description

Vertical with crop tubes

Made at *Sheffield*

By whom made

J. Ludlow & Co. Ltd.

When made *30.4.94*

Where fixed

Stoke Newington

Working pressure *80*

tested by hydraulic pressure to *160*

No. of Certificate *839*

Fire grate area *28.5*

Description of safety valves *2 Spring*

No. of safety valves *2*

Area of each *6.94*

Pressure to which they are adjusted *83.16*

If fitted with easing gear *Yes*

If steam from main boilers enter the donkey boiler *No*

Diameter of donkey boiler *7.0"*

Length *14.0"*

Material of shell plates *Steel*

Thickness *15/32*

Description of riveting long seams *Lap double*

Diameter of rivet holes *13/16*

Whether punched or drilled *Punched*

Pitch of rivets *2*

Lap of plating *4 1/4"*

Per centage of strength of joint *68.8*

Rivets *68.8*

Plates *70.4*

Thickness of shell crown plates *7/16*

Radius of do. *5.9"*

No. of Stays to do. *7*

Dia. of stays *1 3/4"*

Diameter of furnace Top *5.3"*

Bottom *6.4 1/2"*

Length of furnace *6.0"*

Thickness of furnace plates *3 1/2"*

Description of joint *Lap Single*

Thickness of furnace crown plates *5/8"*

Stayed by *Same as shell*

Working pressure of furnace by rules *82.16*

Diameter of uptake *15"*

Thickness of uptake plates *7/16*

Thickness of water tubes *3/8"*

Working pressure of shell by rules *83.16*

Thickness of water tubes *3/8"*

SPARE GEAR.

State the articles supplied:—

2 Main bearing bolts & nuts, 2 top end bolts & nuts, 2 bottom end bolts & nuts, 1 Set of Shaft coupling bolts & nuts, 1 Set of feed pump valves, 1 Set of bilge pump valves, propeller nuts, bolts & iron assorted.

The foregoing is a correct description,

For THOMAS RICHARDSON & SONS LIMITED,

Manufacturer.

General Remarks

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

*The machinery has been specially surveyed during construction the material and workmanship good and renders the vessel eligible in my opinion to have the Record **L.M.C. 9.94** in the Register Book of the Society.*

It is submitted that this vessel is eligible for THE RECORD + L.M.C. 9-94

Richard Hirst
20-9-94

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

MACHINERY CERTIFICATE WRITTEN

Certificate (if required) to be sent to

The amount of Entry Fee..	£	2:	When applied for,
Special	£	32:	18.9.94
Donkey Boiler Fee .. .	£	:	When received,
Travelling Expenses (if any) £	:	:	19.9.94

Committee's Minute

FRIDAY 21 SEP 1894

Assigned

+ L.M.C. 9.94



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