

DONKEY BOILER— No. *one* Description *Bohrane & Co Patent*
 Made at *Annay* By whom made *Bohrane & Co* When made *1905* Where fixed *Stoke hold*
 Working pressure *100 lb* tested by hydraulic pressure to *200 lb*. No. of Certificate *4399* Fire grate area *250* Description of safety valves *Yes*
 No. of safety valves *2* Area of each *5.90* Pressure to which they are adjusted *100 lbs* If fitted with easing gear *Yes* If steam from main boilers can enter the donkey boiler *No* Dia. of donkey boiler *4'-0"* Length *15'-0"* Material of shell plates *steel* Thickness *1 1/2"* Range of tensile strength *32* Descrip. of riveting long. seams *double* Dia. of rivet holes *29/32* Whether punched or drilled *pulled* Pitch of rivets *2 1/2"*
 Lap of plating *4 1/2"* Per centage of strength of joint Rivets *40* Thickness of shell crown plates *15/32* Radius of do. *3'-6"* No. of Stays to do. *none*
 Dia. of stays. *✓* Radius Diameter of furnace Top *3'-0"* Bottom *✓* Length of furnace *✓* Thickness of furnace plates *21/32* Description of joint *riveted* Thickness of furnace crown plates *21/32* Stayed by *✓* Working pressure of shell by rules *101 lbs*
 Working pressure of furnace by rules *109 lbs*. Diameter of uptake *✓* Thickness of uptake plates *1 1/2"* Thickness of water tubes *1/2"*

SPARE GEAR. State the articles supplied:— *2 bon. rod top & 2 bon. rod bottom end bolt & nut, 2 Main bearing & one set of coupling bolts, one set of feed & belg pump valves, a quantity of assorted bolt, nut & iron, and spare propeller.*

The foregoing is a correct description,
 For **RICHARDSON, WESTGARTH & CO. LIMITED**
L.D. Ingalls Manufacturer.

Dates During progress of work in shops— *1904 Nov 25 Dec 2, 7, 8 1905 Jan 9, 10, 11, 12, 13, 17, 19, 20, 23, 24, 25, 27, 31 Feb 1, 2, 3, 4, 6, 8, 9, 10, 13, 14, 16, 20, 22, 23, 24, 27, 28*
 of Survey During erection on board vessel— *Mar 1, 2, 3, 4, 6, 7, 9, 10, 13, 14, 15, 16, 20, 21, 22, 23, 24, 25, 28, 30 Apr 3, 4, 5, 6, 11, 12, 18, 19, 20, 26, 27, 28, 29 May 1, 2, 6, 9, 16, 22*
 while building Total No. of visits *74* Is the approved plan of main boiler forwarded herewith *Yes (these repairs for hydraulic)*
 " " " donkey " " " *No*

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

The main steam pipes have been tested by hydraulic pressure to 320 lbs. per sq. and found tight.
The engines and boilers of this vessel have been built under special survey in accordance with the Rule requirements, the material and workmanship being good and efficient, when completed and fitted on board were tried under steam at moorings with satisfactory results, and is now eligible, in my opinion, to have record + L.M.C. 5.05. marked in the Register Book.

It is submitted that this vessel is eligible for THE RECORD H.L.M.C. 5.05.

2.6.05
2.6.05

The amount of Entry Fee.. £ *2* :
 Special £ *33* :
 Donkey Boiler Fee £ :
 Travelling Expenses (if any) £ :
 When applied for, *25.5.1905*
 When received, *30.5.1905*

Committee's Minute

TUES. 6 JUN 1905

Assigned

+ L.M.C. 5.05

MACHINERY CERTIFICATE
 WRITTEN

(Certificate 1234567)
23/19/11



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Lloyd's Register
 Foundation

West Hartlepool

Certificate (if required) to be sent to

(The Surveyors are requested not to write on or below the space for Committee's Minute.)