

VERTICAL DONKEY BOILER— Manufacturers of Steel

No. _____ Description _____
 Made at _____ By whom made _____ When made _____ Where fixed _____
 Working pressure tested by hydraulic pressure to _____ Date of test _____ No. of Certificate _____ Fire grate area _____ Description of Safety _____
 Valves _____ No. of Safety Valves _____ Area of each _____ Pressure to which they are adjusted _____ Date of adjustment _____
 If fitted with easing gear _____ If steam from main boilers can enter the donkey boiler _____ Dia. of donkey boiler _____ Length _____
 Material of shell plates _____ Thickness _____ Range of tensile strength _____ Descrip. of riveting long. seams _____
 Dia. of rivet holes _____ Whether punched or drilled _____ Pitch of rivets _____ Lap of plating _____ Per centage of strength of joint _____ Rivets _____ Plates _____
 Working pressure of shell by rules _____ Thickness of shell crown plates _____ Radius of do. _____ No. of stays to do. _____ Dia. of stays _____
 Diameter of furnace Top _____ Bottom _____ Length of furnace _____ Thickness of furnace plates _____ Description of joint _____
 Working pressure of furnace by rules _____ Thickness of furnace crown plates _____ Stayed by _____
 Diameter of uptake _____ Thickness of uptake plates _____ Thickness of water tubes _____ Dates of survey _____

SPARE GEAR. State the articles supplied:— *Two each top and bottom end connecting rod bolts and nuts, two main bearing bolts and nuts, one set coupling bolts and nuts, one set feed and bilge pump valves and a quantity of assorted bolts+nuts etc.*

The foregoing is a correct description,

FOR EARLE'S Manufacturer.

F. Palethorpe SECRETARY
 Dates of Survey while building { During progress of work in shops - - } 1906: June 22, 27, Aug. 13, 23, Sep. 10, 19, 20, 27 Oct. 3, 5, 11, 22, 25, 29, 31
 { During erection on board vessel - - } Nov. 2, 3, 5, 6, 7, 8, 10, 12, 13, 15, 20, 21.
 Total No. of visits *27*

Is the approved plan of main boiler forwarded herewith *Yes*
 " " " donkey " " "

Dates of Examination of principal parts—Cylinders *23-8-06* Slides *31-10-06* Covers *31-10-06* Pistons *10-9-06* Rods *19-9-06*
 Connecting rods *19-9-06* Crank shaft *3-10-06* Thrust shaft *3-10-06* Tunnel shafts _____ Screw shaft *11-10-06* Propeller *11-10-06*
 Stern tube *11-10-06* Steam pipes tested *7-11-06* Engine and boiler seatings *3-11-06* Engines holding down bolts *12-11-06*
 Completion of pumping arrangements *20-11-06* Boilers fixed *12-11-06* Engines tried under steam *20-11-06*
 Main boiler safety valves adjusted *12-11-06* Thickness of adjusting washers *3/8" 3/8"*
 Material of Crank shaft *Steel* Identification Mark on Do. *1737 ATG* Material of Thrust shaft *Steel* Identification Mark on Do. *64 G.A.H*
 Material of Tunnel shafts _____ Identification Marks on Do. _____ Material of Screw shafts *Iron* Identification Marks on Do. *64 G.A.H*
 Material of Steam Pipes *Solid drawn Copper* Test pressure *400 lbs per sq inch*

General Remarks (State quality of workmanship, opinions as to class, &c. *The engines and boiler of this vessel have been constructed under special survey in accordance with the Rules. The material & workmanship are good. The boiler tested by hydraulic pressure and with the engines placed on board and tested under steam they are now in good order, and safe working condition, and respectfully submitted as being eligible in my opinion to be classed with the notation of * L.M.C. 11.06 in the Register Book. These Engines Boilers, are very similar to those fitted on the 'Lord Curzon' 7654 in the Reg. Book.*

Attached are plan of boiler, forging reports for shafts, and steel advice notes for plates furnaces

It is submitted that this vessel is eligible for THE RECORD L.M.C. 11.06.

The amount of Entry Fee.. £ 1 : : : :
 Special £ 11 : 11 : : : :
 Donkey Boiler Fee £ - : - : : : :
 Travelling Expenses (if any) £ - : - : : : :
 When applied for, *26/11/06*
 When received, *30/11/06*

James Barclay
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.
23-11-06.

Committee's Minute

FRI, NOV 30 1906

Assigned

+ L.M.C. 11.06



© 28-11-06

Certificate (if required) to be sent to the Registrar or below the space for Committee's Minute.