

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 each air, circulating, feed and bilge pump valves, and a quantity of assorted bolts nuts & washers.*

The foregoing is a correct description,

THE VAUXHALL & WEST HYDRAULIC ENGINEERING COY. LTD.

Manufacturer.

Dates of Survey while building

During progress of work in shops	1907 Feb 4, Mar 6, 13, 20, Apr 5, 16, 26, 30, May 7, 14
During erection on board vessel	Apr 19, 26, 30, May 8, 23, 25, 28, 30, 31, Jun 4
Total No. of visits	10 + 10 = 20

Is the approved plan of main boiler forwarded herewith No

Dates of Examination of principal parts

Cylinders	7.5.07	Slides	7.5.07	Covers	7.5.07	Pistons	7.5.07	Rods	7.5.07
Connecting rods	7.5.07	Crank shaft	16.4.07	Thrust shaft	✓	Tunnel shafts	16.4.07	Screw shaft	5.4.07
Propeller	5.4.07	Stern tube	13.3.07	Steam pipes tested	25.5.07	Engine and boiler seatings	8.5.07	Engines holding down bolts	30.5.07
Completion of pumping arrangements	3.6.07	Boilers fixed	3.6.07	Engines tried under steam	31.5.07	Main boiler safety valves adjusted	31.5.07	Thickness of adjusting washers	9/32 9/32
Material of Crank shaft	Steel	Identification Mark on Do.	904	Material of Thrust shaft	✓	Identification Mark on Do.	✓	Material of Tunnel shafts	Steel
Identification Marks on Do.	904	Material of Screw shafts	Steel	Identification Marks on Do.	10418	Material of Steam Pipes	Solid drawn copper	Test pressure	280 lbs

General Remarks (State quality of workmanship, opinions as to class, &c. *These engines have been constructed under special survey, the material has been tested & the workmanship is good, they have been sent to Selby for the purpose of fitting on board.*)

*These engines have been fitted on board, tested under steam and found satisfactory, 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. 6.07 in the Register Book.*

James Barclay

It is submitted that this vessel is eligible for THE RECORD. * L.M.C. 6.07. J.S.M.

The amount of Entry Fee... £ 1 : 0 : 0 When applied for, _____

Special... £ 8 : 2 : 0 5/6 1907

Donkey Boiler Fee... £ 18 : 5 : 0 7/6 1907

Traveling Expenses (if any) £ 1 : 12 : 0 1/2 1907

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

Committee's Minute TUES. 11 JUN 1907

Assigned + L.M.C. 6.07



MACHINERY CERTIFICATE WRITTEN.

Certificate (if required) to be sent to the Surveyors are requested not to write on or below the space for Committee's Minute.