

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:— propeller shaft. prop. boss. 3 prop. blades (right) 3 prop. blades left. Main bearing bush complete. 2 air pump buckets with rods, valves & seats. complete. Set of spare valves for each feed & bilge pump. Coupling bolts & nuts. 1/2 total no. of rotor blades, boiler & condenser tubes, nut bolts, fine bars, &c.

The foregoing is a correct description.
FOR THE WALES & ENGINEERING CO., LIMITED.
Manufacturer.

Dates of Survey while building
During progress of work in shops - -
During erection on board vessel - -
Total No. of visits 146.

SECRETARY
Please see last sheet

Is the approved plan of main boiler forwarded herewith Yes.

Dates of Examination of principal parts—Cylinders ✓ Slides ✓ Covers ✓ Pistons ✓ Rods ✓

Connecting rods ✓ Crank shaft ✓ Thrust shaft ✓ Tunnel shafts ✓ Screw shaft ✓ Propeller ✓

Stern tube ✓ Steam pipes tested See list. Engine and boiler seatings Sep 9 Oct 1906 Engines holding down bolts Oct 1906.

Completion of pumping arrangements Sep 4 1906. Boilers fixed 1906. 4 1904. Engines tried under steam Sep 4 & Oct 1906.

Main boiler safety valves adjusted Aug 4 1904. Thickness of adjusting washers See list.

Material of Crank shaft S. Identification Mark on Do. J T T L R Material of Thrust shaft S. Identification Mark on Do. B J T F

Material of Tunnel shafts S. Identification Marks on Do. B J T F Material of Screw shafts S Identification Marks on Do. B J T F

Material of Steam Pipes M. Iron. Test pressure 585 lbs

General Remarks (State quality of workmanship, opinions as to class, &c. built under special survey. In accordance with approved plans. Materials & workmanship good. Machinery and boilers examined under steam & found satisfactory. In our opinion this vessel is eligible for the record in the Register Book of R. L. M. C 10/04.

(2.) HP drums 8 feet dia. Casings 8' 5 1/2 to 10' 0 3/4

(2.) LP " 11' 8" dia. Casings 13' 0 1/2 to 15' 4"

2 Astern " 8' 8" dia. Casings 9' 0 1/2 to 10' 0"

all the casings have been tested by hydraulic pressure & found sound.

It is submitted that
this vessel is eligible for
THE RECORD. + L M C 10.07

Elec. Light. F.D.
4 Steam Turbines 195 lbs. H. R. R. 8/11/07

The amount of Entry Fee... £
Special ... £
Donkey Boiler Fee ... £
Travelling Expenses (if any) £

When applied for, 19...
When received, 19...

J. Y. Cindluff Esq.
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

Assigned

FRI. 8 NOV 1907

+ L M C 10.07
Elec. Light F.D.

LR-FAF-SA25-230

