





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
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
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, air, circulating, feed and bilge pump valves, main check valves, safety valve springs, and a quantity of assorted bolts, nuts etc.

The foregoing is a correct description,  
p. pro **CHARLES D. HOLMES & Co. LTD.** Manufacturer.

*S. Arthur Holmes* DIRECTOR.

Dates of Survey while building

During progress of work in shops -	1910: - Mar 18. 22, Apr 22, 26, 28 May 7. 9. 11. 25. 31. Jun 2. 3. 7. 10. 11. 1.
During erection on board vessel -	Jun 14. 15. 16. 20.
Total No. of visits	20.

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

Dates of Examination of principal parts—Cylinders *28. 4. 10* Slides *31. 5. 10* Covers *31. 5. 10* Pistons *28. 4. 10* Rods *25. 5. 10*

Connecting rods *11. 5. 10* Crank shaft *11. 5. 10* Thrust shaft *28. 4. 10* Tunnel shafts Screw shaft *28. 4. 10* Propeller *11. 5. 10*

Stern tube *11. 5. 10* Steam pipes tested *13. 6. 10* Engine and boiler seatings *7. 6. 10* Engines holding down bolts *15. 6. 10*

Completion of pumping arrangements *20. 6. 10* Boilers fixed *15. 6. 10* Engines tried under steam *20. 6. 10*

Main boiler safety valves adjusted *16. 6. 10* Thickness of adjusting washers *3/8" - 5/16"*

Material of Crank shaft *Iron* Identification Mark on Do. *609. 8A* Material of Thrust shaft *Steel* Identification Mark on Do. *609. 8A*

Material of Tunnel shafts Identification Marks on Do. Material of Screw shafts *Iron* Identification Marks on Do. *609. 8A*

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 engine and boiler of this vessel have been constructed under special survey in accordance with the Rules, the materials and workmanship are sound and good. The boiler tested by hydraulic pressure and with the engine secured 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. 6. 10 in the Register Book*

It is submitted that  
this vessel is eligible for  
THE RECORD. + L.M.C. 6. 10.

The amount of Entry Fee	£	10	4	When applied for,	29. 6. 1910.
Special	£	10	4	When received,	NR
Donkey Boiler Fee	£	-	:		
Travelling Expenses (if any)	£	-	:	8. 2	30. 6. 1910

Committee's Minute

Assigned

TUES. 5 JUL 1910

*thmc 6. 10*

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



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Lloyd's Register  
Foundation

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Signal Lett

Official

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Name

No. of Owner

Name, Reside

M.O. Wa

Steam F

Address

Dated 10

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