

VERTICAL DONKEY BOILER—

Manufacturers of Steel

No. *None* 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:—*Spare set valves ready for each independent pump. 1 set Manhole doors for 100 lb. & 150 lb. Boilers. 3 Safety valve springs. 25 Boiler tubes. 1 set Main feed check valves. 1 set Air & feed check valves. Connecting & piston rods complete for 2 engines. Piston rods with glands & dia. for Centrifugal pumps & Condenser. 1 set Main feed pump. 1 set Belt for Crank & Thrust shaft Couplings. 1 Propeller shaft. 3 Crank shafts. 2 Main engine frames. 1 set Connecting Rod Brasses. 1 set Piston Rod Brasses. 2 Connecting Rod Bolts. 2 Piston Rod Bolts. 1 Piston Rod Thrust. 1 Piston Ring Holder. 6 Piston Ring Studs. 1 set Ram bottom pump for each piston. 1 set Piston complete. 2 Main Bearing Bolts. Manufacturer. 1 set Cyl. & Escape valve springs. 6 Cyl. & Cover Studs. 7 Bolts. 1 set Main feed valves etc. etc.*
 The foregoing is a correct description, _____
 Is the approved plan of main boiler forwarded herewith *Yes.*

Dates of Survey while building
 During progress of work in shops—*1905. Oct. 28. Nov. 9. 10. 20. 30. Dec. 14. 19. 26. 1906. Jan. 10. 19. 25. Feb. 1. 6. 12. 19. 27. 28. Mar. 5.*
 During erection on board vessel—*8. 9. 12. 14. 15. 28. April 2. 6. 13. 18. 19. 20. 25. May 2. 4. 5. 9. 10. 11. 17. 21. 23. 24. 26. 29. 30. 31. June*
 Total No. of visits *6. 15. 20. 21. 49 visits* Is the approved plan of main boiler forwarded herewith *Yes.*

Dates of Examination of principal parts—Cylinders *24/6/06.* Slides _____ Covers _____ Pistons _____ Rods _____
 Connecting rods _____ Crank shaft _____ Thrust shaft _____ Tunnel shafts _____ Screw shaft _____ Propeller _____
 Stern tube _____ Steam pipes tested *See flag on up Engine and boiler seatings 20/6/06.* Engines holding down bolts *20/6/06.*
 Completion of pumping arrangements *21/6/06.* Boilers fixed *20/6/06.* Engines tried under steam *24/6/06.*
 Main boiler safety valves adjusted *15/6/06.* Thickness of adjusting washers *See flag on up Engine and boiler seatings 20/6/06.*
 Material of Crank shaft *Steel* Identification Mark on Do. *333 A.* Material of Thrust shaft *Steel* Identification Mark on Do. *246. 283.*
 Material of Tunnel shafts *Steel* Identification Marks on Do. *282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300.*
 Material of Steam Pipes *Wrought Iron.* Test pressure *Tested at Pule Works. Glasgow*

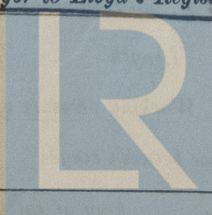
General Remarks (State quality of workmanship, opinions as to class, &c.)

The engines and boilers of this vessel have been built under special survey and the materials and workmanship are good. When completed they were examined under steam while running full power trials in the Firth and found to work satisfactorily. The machinery throughout is now in good and efficient condition and eligible in my opinion to have the record of L.M.C. 6.06. marked in the Society's Register Book.

It is submitted that this vessel is eligible for THE RECORD L.M.C. 6.06 F.D. ELEC. LIGHT.

The amount of Entry Fee. £ *3* : : : When applied for, *11/7/1906*
 Special . . . £ *55* : *7* : : : When received, *19.7.1906*
 Donkey Boiler Fee . . . £ : : :
 Travelling Expenses (if any) £ : : :
 Committee's Minute *Glasgow - 9 JUL 1906*
 Assigned *+ L.M.C. 6.06*

MACHINERY CERTIFICATE
 WRITTEN 10.7.06



Lloyd's Register
 Foundation