

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:— *1 Set connecting rod bolts & nuts, two main bearing bolts & nuts; 1 set coupling bolts & nuts. 1 set Reed Helge pump valves. propeller. propeller shaft. nut bolts. studs. assorted iron. condenser. boiler tubes.*

The foregoing is a correct description.
FOR THE WALSLEY SLIPWAY & ENGINEERING CO. LIMITED.
Manufacturer.

Dates of Survey while building { During progress of work in shops - *Dec 12/31. 1907 Jan 9. 0.3. 15.23.30 Feb 4.20.20.06.27 Mar 10.04.12.27 May 4. June 5.15 July 26 Aug 27*
During erection on board vessel - *Sep 14.15 Oct 2.6.21.22.23.26.30 Nov 13.18.20.23.24.25.30 Dec 25*
Total No. of visits *44* Is the approved plan of main boiler forwarded herewith *Yes*

Dates of Examination of principal parts—Cylinders *9.1.08* Slides *8.12.07* Covers *8.12.07* Pistons *13.1.08* Rods *13.1.08*
Connecting rods *13.1.08* Crank shaft *6.10.08* Thrust shaft *6.10.08* Tunnel shafts *✓* Screw shaft *21.10.08* Propeller *21.10.08*
Stern tube *21.10.08* Steam pipes tested *31 March* Engine and boiler seatings *23.10.08* Engines holding down bolts *23.10.08*
Completion of pumping arrangements *5.12.05* Boilers fixed *23.10.08* Engines tried under steam *13.11.08*
Main boiler safety valves adjusted *13.11.08* Thickness of adjusting washers *PB 5/32 SB 1/16 FB 3/8*
Material of Crank shaft *S* Identification Mark on Do. *R. J. F.* Material of Thrust shaft *S* Identification Mark on Do. *R. J. F.*
Material of Tunnel shafts *✓* Identification Marks on Do. *✓* Material of Screw shafts *S* Identification Marks on Do. *R. J. F.*
Material of Steam Pipes *M. J.* Test pressure *540*

General Remarks (State quality of workmanship, opinions as to class, &c. *Machinery and boilers built under special survey. Materials and workmanship good. Engines and boilers examined under full steam & found satisfactory. It is submitted that this vessel is eligible for the record of LMC. 12.08*
The boilers are fitted to burn coal or liquid fuel on the Rooting Boyd system. The installation looked & found satisfactory.

It is submitted that this vessel is eligible for THE RECORD. + LMC 12.08.

elec. Light
Fitted for Liquid Fuel.
ARK *489.9/12/08.*

The amount of Entry Fee. £ *3* : : When applied for, *8 DEC 1908*
Special £ *41* : *14* : :
Donkey Boiler Fee £ : : :
Travelling Expenses (if any) £ : : :
When received, *12-12-08*

Committee's Minute

Assigned

FRI. DEC 11 1908

+ Lmb 12.08
elec light
Fitted for liquid fuel. 12.08

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

Lloyd's Register Foundation

Certificate (if required) to be sent to the Committee's Minute.