

## ENGINEER'S CERTIFICATE.

The following is a true Account of the Particulars of the Machinery and Boilers:—

ENGINES.—Here state description of Engines, whether Direct Acting or Geared, Inverted, Horizontal, Diagonal, or Oscillating Cylinders No. of Cylinders, &c.

*One Pair of Inverted direct acting Compound  
Screw Engines fitted with Surface Condenser.*

ENGINES, maker of <i>Messrs Palmers &amp; Compounded</i> „ <del>age of</del> <i>by Victoria Docks Engine Works 6<sup>th</sup> Ln</i> „ <del>last time taken out</del> „ present condition <i>Good</i> Diameter of Cylinder <i>One 26" dia &amp; one 51" in dia</i> Length of stroke <i>30 inches</i> No. per minute of Engines <i>65 Revolutions</i> „ of Screw <i>65 Revolutions</i> Estimated power <i>160</i> Effective power <i>490</i> Diameter of Screw ( <del>or Paddle Wheels</del> ) <i>11.6 diameter</i> Pitch of Screw <i>from 14 to 16 Feet</i> No. of Blades ( <del>or Floate</del> ) <i>4 Blades</i> Description of Screw ( <del>or Floate</del> ) <i>Smiths ordinary Screw</i> Holding down Bolts, size <i>2 1/4 in dia</i> „ present condition <i>Good</i>	Bilge Pumps, No. ( <i>2</i> ) and size <i>5 1/2" dia</i> Feed „ No. ( <i>2</i> ) and size <i>5 1/2" dia</i> Spare gear, if usual quantity on } <i>Yes</i> board Vessel Fuel, where stowed <i>Side Bunkers</i> „ space between Coal Bunkers } <i>8 inches</i> and Boilers „ for what quantity is space provided <i>100 Tons</i> Donkey Engine and Boiler <i>Yes</i> „ if fitted in Engine Room or } <i>Donkey Eng. in Eng. room</i> on Deck <i>Boiler on deck.</i> „ can pump be worked by hand <i>Yes</i> „ size of pump ( <i>5 dia</i> ) and stroke <i>6 inches</i> „ is hose of sufficient length to } <i>Yes</i> reach every part of the Vessel No. ( — ) and continuation of hand } <i>None</i> pumps, if fitted in Engine Room
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BOILER.—Here state description of Boiler, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired athwartships, or from fore, or after end of Boiler, &c.

*Two Cylindrical Multitubular Boilers, two furnaces  
in each Boiler and one annular Superheater.*

BOILERS, maker of <i>Victoria Docks Engine Works Co</i> „ age of <i>New - 2 in number</i> „ <del>when last taken out</del> „ present condition <i>New</i> „ working pressure <i>75 lbs per square inch</i> No. of surface Blow off Cocks to } <i>one</i> each Boiler SCREW SHAFT length <i>24 Feet</i> diameter <i>8 1/2 inches</i> <i>No</i> <del>width</del> <del>if water tight door on Engine Bulkhead.</del> Tunnel thickness of plating <i>height</i>	Can each Boiler be used separately <i>Yes</i> What clear space between top of } <i>10' 9"</i> Boiler and woodwork What clear space between Funnel } <i>2' 0"</i> and woodwork Are Engine and Boiler Keelsons } <i>Yes</i> well connected fore and aft
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Port of London *25<sup>th</sup>* day of *April* 18 *74*

*We* hereby certify, that the whole of the above Machinery and Boilers of the Iron (~~or Wood~~)  
 Screw (~~or Paddle~~) Steam Vessel *"Camilla"* belonging to *The London Steamship Co. Ltd*  
 whereof *is Master,* Tons Register, and *160* H.P. have been  
 carefully inspected and examined by *us* at *the Victoria Docks, London* and we have found the  
 same, at this date, in good order and safe working condition.

*for Victoria Docks Engine Works 6<sup>th</sup> Ln*  
*C. Fenwick.*  
 Marine Engineers.