

*Henry Morton.*

13259 Iron

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

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.*

ENGINES, maker of <i>Victoria Dock Engine Works Coy</i>	Bilge Pumps, No. ( <i>2</i> ) and size <i>4 diam.</i>
„ age of _____	Feed „ No. ( <i>2</i> ) and size <i>4</i>
„ last time taken out _____	Spare gear, if usual quantity on } <i>yes</i> board Vessel
„ present condition <i>New</i>	Fuel, where stowed <i>side bunkers</i>
Diameter of Cylinder <i>51" x 26"</i>	„ space between Coal Bunkers } <i>10 ins.</i> and Boilers
Length of stroke <i>30'</i>	„ for what quantity is space provided <i>80 Tons</i>
No. per minute of Engines <i>65</i>	Donkey Engine <del>and Boiler</del> <i>yes</i>
„ of Screw <i>65</i>	„ if fitted in Engine Room or } <i>Engine Room</i> on Deck
Estimated power <i>99</i>	„ can pump be worked by hand <i>yes</i>
Effective power <i>450</i>	„ size of pump ( <i>4 di.</i> ) and stroke <i>8 ins.</i>
Diameter of Screw (or Paddle Wheels) <i>11 Feet</i>	„ is hose of sufficient length to } <i>yes</i> reach every part of the Vessel
Pitch of Screw <i>14 to 18 Feet</i>	No. ( ) and continuation of hand } <i>none</i> pumps, if fitted in Engine Room
No. of Blades (or Floats) <i>4</i>	
Description of Screw (or Floats) <i>Common</i>	
Holding down Bolts, size <i>2 1/4 in. diam.</i>	
„ present condition <i>Good</i>	

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 force, or after end of Boiler, &c.

*Two Cylindrical Multitubular Boilers with two Furnaces in each, and One Annular Superheater common to both.*

BOILER, maker of <i>Victoria Dock Engine Works Coy</i>	Can each Boiler be used separately <i>yes</i>
„ age of <i>new</i>	What clear space between top of } <i>8, 8</i> Boiler and woodwork
„ when last taken out _____	What clear space between Funnel } <i>2, 0</i> and woodwork
„ present condition <i>good</i>	Are Engine and Boiler Keelsons } <i>yes</i> well connected fore and aft
„ working pressure <i>75 lbs.</i>	
No. of surface Blow off Cocks to } <i>One</i> each Boiler	
SCREW SHAFT length <i>12 3/4 Feet</i> diameter <i>8 1/2 in.</i> Tunnel thickness of plating <i>none</i> height _____	
width _____ if water-tight door on Engine Bulkhead. <i>none.</i>	

Port of *London* 17<sup>th</sup> day of *September* 1874

*We* hereby certify, that the whole of the above Machinery and Boilers of the Iron (or ~~Wood~~) Screw (or ~~Paddle~~) Steam Vessel *Henry Morton* belonging to *John Fenwick & Son* whereof *Thomas Douglas* is Master, *Tons Register* and *99* H.P. have been carefully inspected and examined by *us* at *Victoria Dock* and *we* found the same, at this date, in good order and safe working condition.

*for Victoria Dock Engine Works Coy*  
*C. Fenwick*



Mr Fenwick  
with  
Ven. Mrs Martindale  
Wm. Ward as  
promise



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Foundation