

10033.

## 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.

*Inverted Direct-acting, Two cylinders.*

ENGINES, maker of *Victoria Dock Engine Works &c 1872*  
 „ age of *new*  
 „ last time taken out  
 „ present condition *new*  
 Diameter of Cylinder *36 ins*  
 Length of stroke *28 ins*  
 No. per minute of Engines *64*  
 „ of Screw *30*  
 Estimated power *300*  
 Effective power *1046*  
 Diameter of Screw (or Paddle Wheels) *14 ft*  
 Pitch of Screw *4*  
 No. of Blades (or Floats) *Ordinary screw*  
 Description of Screw (or Floats) *2*  
 Holding down Bolts, size *good*  
 „ present condition

Bilge Pumps, No. ( *2* ) and size *2 1/2*  
 Feed „ No. ( *2* ) and size *2 1/2*  
 Spare gear, if usual quantity on board Vessel *usual quantity*  
 Fuel, where stowed  
 „ space between Coal Bunkers and Boilers  
 „ for what quantity is space provided *80 tons*  
 Donkey Engine and Boiler  
 „ if fitted in Engine Room or on Deck  
 „ can pump be worked by hand *worked by hand*  
 „ size of pump ( *4 1/2* ) and stroke *10 ins*  
 „ is hose of sufficient length to reach every part of the Vessel *sufficient*  
 No. ( ) and continuation of hand pumps, if fitted in Engine Room

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.

*One Tubular Boiler four furnaces, fired from aft superheater fitted.*

BOILER, maker of *Victoria Dock Engine Works &c*  
 „ age of *new*  
 „ when last taken out  
 „ present condition *new*  
 „ working pressure *35 lbs*  
 No. of surface Blow off Cocks to each Boiler *one*  
 SCREW SHAFT length *60 ft* diameter *7 1/2*  
 width *3 ft* if water-tight door on Engine Bulkhead.

Can each Boiler be used separately  
 What clear space between top of Boiler and woodwork *3 ft*  
 What clear space between Funnel and woodwork *18 ins*  
 Are Engine and Boiler Keelsons well connected fore and aft *well connected*  
 height *46*

Port *of London* *10* day of *April* 18 *72*

hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood)

Screw (or Paddle) Steam Vessel *Thos Lee* belonging to *Benwick & Son*  
 whereof *Mitchel* is Master, *80* Tons Register, and *80* H.P. have been  
 carefully inspected and examined by me at *Victoria Dock* and found the  
 same, at this date, in good order and safe working condition.

*Wm Brough*  
 Marine Engineers.

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