

# 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 Compound Direct <sup>Acting</sup> Engine with 1 High Pressure and 1 Low Pressure Cylinder.*

ENGINES, maker of *Maudslays, Sons & Field*  
 „ age of *Quite new.*  
 „ last time taken out *—*  
 „ present condition *—*  
 Diameter of Cylinder *High Pressure 10<sup>ins</sup> Low do. 13<sup>ins</sup>*  
 Length of stroke *1 ft. 4 1/2 inches*  
 No. per minute of Engines *about 130*  
 „ of Screw *about 130.*  
 Estimated power *30 H.P.*  
 Effective power *120 H.P.*  
 Diameter of Screw (or Paddle Wheels) *5 ft. 4 ins.*  
 Pitch of Screw *2 feet*  
 No. of Blades (or Floats) *Three*  
 Description of Screw (or Floats) *Cast iron, ordinary screw*  
 Holding down Bolts, size *1<sup>in</sup> diam.*  
 „ present condition *Quite new.*

Bilge Pumps, No. ( *1* ) and size *4<sup>ins</sup> diam. 2 1/4 stroke*  
 Feed „ No. ( *1* ) and size *4<sup>ins</sup> diam. 2 1/4 stroke*  
 Spare gear, if usual quantity on board Vessel *—*  
 Fuel, where stowed *In Boiler Room*  
 „ space between Coal Bunkers and Boilers *6 ins.*  
 „ for what quantity is space provided *18 Tons.*

Donkey Engine ~~and Boiler~~  
 „ if fitted in Engine Room or on Deck *In Engine Room*  
 „ can pump be worked by hand *— Yes*  
 „ size of pump (*2<sup>ins</sup>*) and stroke *4 ins.*  
 „ is hose of sufficient length to reach every part of the Vessel *Yes.*  
 No. ( *1* ) and continuation of hand pumps, if fitted in Engine Room *Single 4<sup>ins</sup> 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 fore, or after end of Boiler, &c.

*Circular Boiler, 1 in number with return tubes over furnaces. 2 furnaces, fired from after end of boiler. No superheating apparatus fitted.*

BOILER, maker of *Maudslays, Sons & Field*  
 „ age of *Quite new.*  
 „ when last taken out *—*  
 „ present condition *—*  
 „ working pressure *60 lbs.*  
 No. of surface Blow off Cocks to each Boiler *one*

Can each Boiler be used separately *—*  
 What clear space between top of Boiler and woodwork *1 foot 9 ins.*  
 What clear space between Funnel and woodwork *1 foot 6 ins.*  
 Are Engine and Boiler Keelsons well connected fore and aft *Yes.*

SCREW SHAFT length *37 ft 6 ins* diameter *5 x 4 1/2<sup>ins</sup>* Tunnel, thickness of plating *5/16<sup>in</sup>* height *3 feet*  
 width *2 ft. 9 ins.* if water-tight door on Engine Bulkhead. *— No*

Port *London* 8<sup>th</sup> day of *August* 18 *73*

*We* hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Dot* belonging to *London* whereof *J. L. Wilkinson* is Master, *87.98* Tons Register, and *30* H.P. have been carefully inspected and examined by *us* at *—* and *we* found the same, at this date, in good order and safe working condition.

*Maudslays, Sons & Field*  
*London*

Marine Engineers.

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