

S. S. E. Barry Report No. 3126  
 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 Cylinder  
 No. of Cylinders, &c.

Inverted direct acting Compound, with two Cyl.

ENGINES, maker of J. Brassey & Co  
 „ age of New  
 „ last time taken out New  
 „ present condition New  
 Diameter of Cylinder 50" x 27"  
 Length of stroke 2' 9"  
 No. per minute of Engines 60 to 65  
 „ of Screw „  
 Estimated power 99  
 Effective power 450  
 Diameter of Screw (or Paddle Wheels) 14' 6"  
 Pitch of Screw 18' 0" to 15' 0" variable  
 No. of Blades (or Floats) 4  
 Description of Screw (or Floats) Griffiths  
 Molding down Bolts, size 1 3/8  
 „ present condition New

Bilge Pumps, No. ( 2 ) and size 3" }  
 Feed „ No. ( 2 ) and size 3" } stroke 16 1/2"  
 Spare gear, if usual quantity on board Vessel Yes.  
 Fuel, where stowed Bunkers  
 „ space between Coal Bunkers } 9"  
 and Boilers }  
 „ for what quantity is space provided all 150 tons  
 Donkey Engine and Boiler Yes.  
 „ if fitted in Engine Room or on Deck Boilers on main deck  
 „ can pump be worked by hand Engines in engine room  
 „ size of pump ( 6" ) and stroke 10"  
 „ 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 Yes.

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.

2 Circular Boilers (tubular) with two furnaces each  
 Each boiler fitted with a circular steam chest  
 Boilers fixed fore and aft from fore end of Boilers

BOILER, maker of J. Brassey & Co  
 „ age of New  
 „ when last taken out New  
 „ present condition New  
 „ working pressure 65 lbs  
 No. of surface Blow off Cocks to each Boiler one

Can each Boiler be used separately Yes.  
 What clear space between top of Boiler and woodwork 2' 0"  
 What clear space between Funnel and woodwork 3' 0"  
 Are Engine and Boiler Keelsons well connected fore and aft Yes.

SCREW SHAFT length 69 ft total diameter 8 1/4" Tunnel, thickness of plating 5/16 height 5' 3"  
 width 3' 1/2 if water-tight door on Engine Bulkhead. Yes.

Port Bournemouth

No. hereby certify, that the whole of the above Machinery

Screw (or Paddle) Steam Vessel J. J. Barry

whereof — Douglas is Master 545.08 T

carefully inspected and examined by us at Middlesbrough

same, at this date, in good order and safe working condition.



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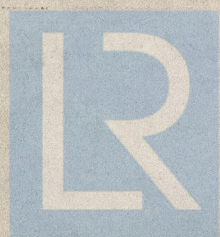
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BRITISH IRONWORK CO LIMITED LONDON

STATIONERS' HALL LONDON

THE IRONWORK CO LIMITED LONDON

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