

Iron 10218

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 Compound high & low pressure engines with 2 Cylinders

ENGINES, maker of Thompson & Boyd & Co  
Age of ...  
Present condition ...  
No. of Cylinder High press 28 ins low press 5 1/2  
stroke 2.5  
Diameter of Engines 60  
66  
120 HP  
550  
Paddle Wheels 14.0  
14.0 x 16.6  
Floats ordinary  
Size 2 1/2 ins dia.

Bilge Pumps, No. (2) and size 3 1/2 dia & 19" stroke  
Feed ,, No. (2) and size 3 1/4 dia  
Spare gear, if usual quantity on board Vessel  
Fuel, where stowed In lumber in engine room  
space between Coal Bunkers and Boilers 9 inches  
for what quantity is space provided 100 tons  
Donkey Engine and Boiler Donkey boiler on deck  
if fitted in Engine Room or on Deck Donkey engine & engine room  
can pump be worked by hand yes  
size of pump (dia and stroke) 10 ins  
is hose of sufficient length to reach every part of the Vessel yes  
No. ( ) and continuation of hand pumps, if fitted in Engine Room

Boilers, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired before or after end of Boiler, &c.

Tubular oral Boilers each having 2 Furnaces  
superheater & fixed from forward end

Gray

Can each Boiler be used separately yes  
What clear space between top of Boiler and woodwork 4 feet  
What clear space between Funnel and woodwork 2' 3"  
Are Engine and Boiler Keelsons well connected fore and aft yes  
Tunnel, thickness of plating 1/40 x 1/16 height 6 feet  
yes in recess in bulkhead

65 lbs  
one surface low bottom below of coals  
85.0 diameter 9" Tunnel, thickness of plating 1/40 x 1/16 height 6 feet  
width 3" if water-tight door on Engine Bulkhead.

Port of Newcastle 22 day of May 1872

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "H. P. Stephenson" belonging to London whereof ... is Master, 124.02 Tons Register, and 120 H.P. have been carefully inspected and examined by me at ... and I found the same, at this date, in good order and safe working condition.



IRON451-0197