

From 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

Best time taken out

Present condition

No. of Cylinder

Stroke

Power of Engines

High press 28 in. low press 24 in.

to 2.5 diameter

60

66

120 HP

550"

Paddle Wheels

14.0

14.0 to 16.6"

(s)

4

or Floats

ordinary

ze

2.5 in dia.

Bilge Pumps, No. (*2*) and size *3 1/2 dia & 19" stroke*

Feed „ No. (*2*) and size *3 1/2 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 (*5 1/2*) and stroke *10 in*

„ is hose of sufficient length to reach every part of the Vessel *yes*

No. () and continuation of hand pumps, if fitted in Engine Room

er, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired 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"*

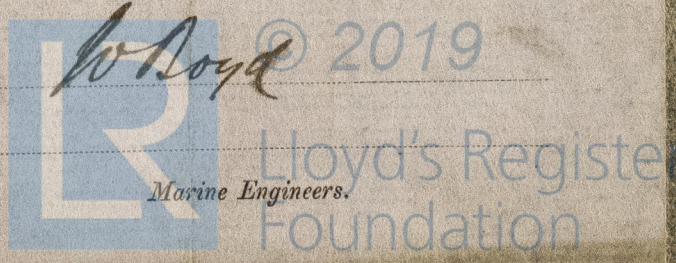
Are Engine and Boiler Keelsons well connected fore and aft *yes*

as to *one surface low*
bottom below of each

Screw *85.0* diameter *9"* Tunnel, thickness of plating *1/4 to 1/6* height *6 feet*
width *3"* if water-tight door on Engine Bulkhead. *yes in section in bulkhead.*

Port *of Newcastle* *22nd* day of *May* 18*72*

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 *Strode* is Master, *124.02* Tons Register, and *120* H.P. have been carefully inspected and examined by *me* at *Low Walker* and *I* found the same, at this date, in good order and safe working condition.



IRON451-0197