

10588 Iron

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.

ENGINES, maker of Stephenson Newcastle
 „ age of 7 years
 „ last time taken out 1872
 „ present condition good
 Diameter of Cylinder 35 1/4
 Length of stroke 2' 6"
 No. per minute of Engines 65
 „ of Screw 65
 Estimated power 80
 Effective power
 Diameter of Screw (or Paddle Wheels) 11' 0
 Pitch of Screw 16 ft.
 No. of Blades (or Floats) 4
 Description of Screw (or Floats) Common
 Holding down Bolts, size 8
 „ present condition good

Bilge Pumps, No. (2) and size 4" diam. 13" Stroke
 Feed „ No. (2) and size 4 " 13"
 Spare gear, if usual quantity on }
 board Vessel }
 Fuel, where stowed Side Bunkers, & fore head of fore hold
 „ space between Coal Bunkers } Fore side 9" Starboard 2' 6"
 and Boilers }
 „ for what quantity is space provided
 Donkey Engine and Boiler No donkey boiler
 „ if fitted in Engine Room or } Donkey Eng. in Engine room
 on Deck }
 „ can pump be worked by hand no
 „ size of pump (4) and stroke
 „ is hose of sufficient length to } yes
 reach every part of the Vessel }
 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 fore, or after end of Boiler, &c.

met tubular boiler, 3 Furnaces, fired fore
from circular no superheating apparatus

BOILER, maker of Messrs. James Cook, Victoria
 „ age of new, 1872
 „ when last taken out
 „ present condition good
 „ working pressure 35 lbs
 No. of surface Blow off Cocks to } 2
 each Boiler }

Can each Boiler be used separately
 What clear space between top of } 6' 0"
 Boiler and woodwork }
 What clear space between Funnel } aft 2' 0 fore 7' 0 on side 1' 9"
 and woodwork }
 Are Engine and Boiler Keelsons } well connected
 well connected fore and aft }

SCREW SHAFT length 13' 6" diameter 8" Tunnel, thickness of plating
 width if water-tight door on Engine Bulkhead. Engines shaft

Port London 4th day of September 1872.

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "C. S. Butler" belonging to London whereof Roberts is Master, 700 Tons Register, and 80 H.P. have been carefully inspected and examined by us at the Victoria Graving Docks and we found the same, at this date, in good order and safe working condition.

James Roberts
John Johnson
 Lloyd's Register
 Marine Engineers.