

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 *five bunks, & fore head of boiler*
 „ space between Coal Bunkers *Port side 9' the board 2' 6"*
 „ for what quantity is space provided
 Donkey Engine and Boiler *no donkey boiler*
 „ if fitted in Engine Room or on Deck *Donkey Eng. in Engine room*
 „ can pump be worked by hand *no*
 „ size of pump (*4"*) and stroke
 „ is hose of sufficient length to reach every part of the Vessel *yes*
 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 End
no superheating apparatus

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

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

SCREW SHAFT length *13' 6"* diameter *8"* Tunnel, thickness of plating height
 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, *760* Tons Register, and *80* H.P. have been carefully inspected and examined by us at the *Victoria Ferry Dock* and we found the same, at this date, in good order and safe working condition.

James Roberts,
John C. Johnson,
 Marine Engineers.