

7660 *in*

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.

*Single direct acting inverted Compound Engine with
High & one low pressure Cylinder*

VES, maker of *R & W Hawthorn*
 age of *1864*
 last time taken out *Nov 3 2y*
 present condition *+*
 No. of Cylinders *40 1/2 & 19 1/2*
 of stroke *3 feet*
 minute of Engines *65*
 of Screw *"*
 rated power *95 H.P.*
 ve power
 ter of Screw (or Paddle Wheels) *13 feet*
 of Screw *18.6"*
 Blades (or Floats) *Two -*
 ption of Screw (or Floats) *Steel*
 ing down Bolts, size *2 1/2"*
 present condition *New*

Bilge Pumps, No. (*1*) and size *5 inches*
 Feed „ No. (*1*) and size *5 inches*
 Spare gear, if usual quantity on }
 board Vessel }
 Fuel, where stowed *Side & Althwart Bunkers*
 „ space between Coal Bunkers } *6 inches*
 and Boilers }
 „ for what quantity is space provided *140 Tons*
 Donkey Engine and Boiler *one of each -*
 „ if Fitted in Engine Room or } *Boiler on Deck*
 on Deck } *Engine in Engine Room*
 „ can pump be worked by hand *No -*
 „ size of pump (*14"*) and stroke *8 inches -*
 „ is hose of sufficient length to }
 reach every part of the Vessel }
 No. (*1*) and condition of hand } *in Engine Room*
 pumps, if fitted in Engine Room } *equal to New.*

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.

*One Circular double ended Tubular Boiler with 2 Furnaces
at each end. fired athwart ships.*

ER, maker of *Gilliat & Cooper*
 age of *New*
 when last taken out *-*
 present condition *-*
 working pressure *69 lbs*
 if surface Blow off Cocks to } *one -*
 each Boiler }

Can each Boiler be used separately *-*
 What clear space between top of } *2 feet*
 Boiler and woodwork }
 What clear space between Funnel } *2 feet*
 and woodwork }
 Are Engine and Boiler Keelsons } *Yes*
 well connected fore and aft }

W SHAFT length *62'-6"* diameter *8 inches* Tunnel, thickness of plating *3/8"* height
 width *-* if water-tight door on Engine Bulkhead *No -*

Port *Hull* eighth day of *January* 18 *90*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *"Viceroy"* belonging to *Bailey & Leatham* whereof *George Shetliff* is Master, *95 1/2* Tons Register, and *95* H.P. have been carefully inspected and examined by *us* at *Hull* and we found the same, at this date, in good order and safe working condition.

Gilbert & Cooper
Marine Engineers.

1R0N502-0106