

9554 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.

Direct Acting Inverted High Low pressure Engines with one High & one low pressure Cylinder

ENGINES, maker of *Jas Sack & Co*
 „ age of *new*
 „ last time taken out *—*
 „ present condition *new*
 Diameter of Cylinder *H.P. 26 in L.P. 45 in*
 Length of stroke *21 in 2 1/2 inches*
 No. per minute of Engines *70*
 „ of Screw *do*
 Estimated power *900 H.P. max*
 Effective power *450*
 Diameter of Screw (or Paddle Wheels) *10" 10"*
 Pitch of Screw *14 ft*
 No. of Blades (or Floats) *from*
 Description of Screw (or Floats) *Cast Iron*
 Holding down Bolts, size *1 1/2"*
 „ present condition *new*

Bilge Pumps, No. (*two*) and size *3 1/2" diam*
 Feed „ No. (*do*) and size *3 1/2" do*
 Spare gear, if usual quantity on board Vessel } *yes*
 Fuel, where stowed *Bunkers*
 „ space between Coal Bunkers and Boilers } *8 inches*
 „ for what quantity is space provided *80 tons*
 Donkey Engine and Boiler *yes*
 „ if fitted in Engine Room or on Deck } *on deck*
 „ can pump be worked by hand *yes*
 „ size of pump (*5 1/2"*) and stroke *8"*
 „ is hose of sufficient length to reach every part of the Vessel } *yes*
 No. (*one*) and continuation of hand pumps, if fitted in Engine Room } *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.

One Circular Tubular Boiler suitable for Compound Engines, with three furnaces, Superheat. fired fore & aft

BOILER, maker of *Jas Sack & Co*
 „ age of *new*
 „ when last taken out *—*
 „ present condition *new*
 „ working pressure *60 lbs*
 No. of surface Blow off Cocks to each Boiler } *one*
 SCREW SHAFT length *24' 6"* diameter *7"*
 width if water-tight door on Engine Bulkhead. *no Bulkhead*

Can each Boiler be used separately *one Boiler*
 What clear space between top of Boiler and woodwork } *1" 9"*
 What clear space between Funnel and woodwork } *1" 9"*
 Are Engine and Boiler Keelsons well connected fore and aft } *yes*
no small

Port *Liverpool* *12th* day of *October* 18*71*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (~~or Wood~~) *other* Screw (~~or Paddle~~) Steam Vessel *Peppercorby* belonging to *John Cairns Esq* whereof *Charles Dowd* is Master, *501 7/10* Tons Register and *90* H.P. have been carefully inspected and examined by *us* at *Liverpool* and *we* found the same, at this date, in good order and safe working condition.

James Sack & Co
Victoria Engineers
 Lloyd's Register
 Marine Engineers.

IRON 504-0224