

10033.

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, Two cylinders.

ENGINES, maker of *Victoria Dock & Engine Works Ltd 1872*
,, age of *1872*
,, last time taken out
,, present condition *new*
Diameter of Cylinder *36 ins*
Length of stroke *28 ins*
No. per minute of Engines *64*
,, of Screw
Estimated power *300*
Effective power
Diameter of Screw (or Paddle Wheels) *1046*
Pitch of Screw *14 feet*
No. of Blades (or Floats) *4*
Description of Screw (or Floats) *Ordinary screw*
Holding down Bolts, size *2*
,, present condition *good*

Bilge Pumps, No. (*2*) and size *2 1/2*
Feed ,, No. (*2*) and size *2 1/2*
Spare gear, if usual quantity on board Vessel } *usual quantity*
Fuel, where stowed
,, space between Coal Bunkers and Boilers }
,, for what quantity is space provided *80 tons*
Donkey Engine and Boiler
,, if fitted in Engine Room or on Deck
,, can pump be worked by hand *worked by hand*
,, size of pump (*4 1/2*) and stroke *10 ins*
,, is hose of sufficient length to reach every part of the Vessel } *supplements*
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.

One tubular boiler four furnaces, fired from aft superheater fitted.

BOILER, maker of *Victoria Dock & Engine Works Ltd*
,, age of *works*
,, when last taken out
,, present condition *new*
,, working pressure *35 lbs*
No. of surface Blow off Cocks to each Boiler } *one*
SCREW SHAFT length *60 feet* diameter *7 1/2* Tunnel, thickness of plating *1/4* height *446*
width *3 feet* if water-tight door on Engine Bulkhead.

Can each Boiler be used separately
What clear space between top of Boiler and woodwork } *3 feet*
What clear space between Funnel and woodwork } *18 ins*
Are Engine and Boiler Keelsons well connected fore and aft } *well connected*

Port of *London* 10 day of *April* 18 *72*

hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Thos Lee* belonging to *Benwick & Son* whereof *Mitchel* is Master, *80* Tons Register, and *80* H.P. have been carefully inspected and examined by me at *Victoria Dock* and found the same, at this date, in good order and safe working condition.

Wm Brough
Marine Engineers.