

10352 Iron

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

23/17

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.

2 Direct acting inverted Cylinders.

ENGINES, maker of *London & Glasgow Engineering Co.*
 ,, age of *7 years.*
 ,, last time taken out
 ,, present condition *good*
 Diameter of Cylinder *36 inches*
 Length of stroke *30*
 No. per minute of Engines *64*
 ,, of Screw
 Estimated power *90 H.P.*
 Effective power *200*
 Diameter of Screw (or Paddle Wheels) *11 feet*
 Pitch of Screw *14*
 No. of Blades (or Floats) *4*
 Description of Screw (or Floats) *Ordinary*
 Holding down Bolts, size *1 1/4 in.*
 ,, present condition *good*

Bilge Pumps, No. (*2*) and size *2 in.*
 Feed ,, No. (*2*) and size *2 in.*
 Spare gear, if usual quantity on board Vessel } *Yes.*
 Fuel, where stowed *in side bunkers.*
 ,, space between Coal Bunkers and Boilers } *2 feet*
 ,, for what quantity is space provided *140 tons.*
 Donkey Engine and Boiler *One*
 ,, if fitted in Engine Room or on Deck } *Engine room.*
 ,, can pump be worked by hand *Yes.*
 ,, size of pump (*5 in.*) and stroke *9 in.*
 ,, 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 at Steamships, or from force, or after end of Boiler, &c.

One tubular superheating boiler, four furnaces, fire forward.

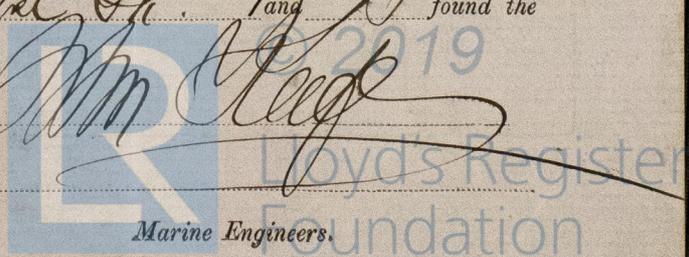
BOILER, maker of *Messrs. Hodge Millwall*
 ,, age of *New*
 ,, when last taken out
 ,, present condition *Good*
 ,, working pressure *20 lbs.*
 No. of surface Blow off Cocks to each Boiler } *One*
 Can each Boiler be used separately
 What clear space between top of Boiler and woodwork } *4 feet*
 What clear space between Funnel and woodwork } *2 feet*
 Are Engine and Boiler Keelsons well connected fore and aft } *Yes.*

SCREW SHAFT length *30 ft.* diameter *3 in.* Tunnel, thickness of plating _____ height _____
 width _____ if water-tight door on Engine Bulkhead.

Port *London* 1st day of *July* 18*72*

I hereby certify, that the whole of the above Machinery and Boilers of the Iron or Wood of the Steam Vessel *Walter* belonging to *General Iron Screw Colliery Co.* is Master, *708* Tons Register, and *90* H.P. have been carefully inspected and examined by me at *Commercial St.* and found the same, at this date, in good order and safe working condition.

Wm. Kemp



IRON 451-0351