

14543

Iron.

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, Compound, Surface condensing Engines with two cylinders.

ENGINES, maker of Humphrys & Pearson Limited
age of
last time taken out
present condition
Diameter of Cylinder High pressure 27" Low Pressure 50
Length of stroke 30
No. per minute of Engines 80
of Screw 80
Estimated power 98 HP
Effective power 445
Diameter of Screw (Paddle Wheels) 10 ft.
Pitch of Screw 21 ft.
No. of Blades (Floats) 4
Description of Screw (Floats) Ordinary
Holding down Bolts, size 1 3/4
present condition New.

Bilge Pumps, No. (2) and size 4 1/2 dia
Feed No. (2) and size 9" stroke
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed In bunkers alongside Boiler
space between Coal Bunkers and Boilers 6"
for what quantity is space provided 80 tons in bunkers
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck Donkey pumps in Engine room Donkey boiler on deck.
can pump be worked by hand Separate hand pump.
size of pump (H) and stroke 8"
is hose of sufficient length to reach every part of the Vessel Yes
No. () and continuation of hand pumps, if fitted in Engine Room Yes

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 cylindrical, Multitubular boiler with three Furnaces fired from Aft. end.

BOILER, maker of Humphrys & Pearson Limited
age of
when last taken out
present condition
working pressure 6.5 lbs.
No. of surface Blow off Cocks to each Boiler One
SCREW SHAFT length 56 ft. diameter 8 1/4 Tunnel thickness of plating 5/16 height 5 ft.
width 3 ft. if water-tight door on Engine Bulkhead. Yes.

Can each Boiler be used separately One only
What clear space between top of Boiler and woodwork 3" 6" based
What clear space between Funnel and woodwork 2" 0" round with iron
Are Engine and Boiler Keelsons well connected fore and aft Yes

Port Hull Fifth day of June 1875

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Albert belonging to Guinnessy whereof Woods is Master, 554 33 2R 352 26 11R tons Register, and 98 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.

FOR HUMPHRYS & PEARSON LIMITED Frank W. Pearson SECRETARY