

14746.

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 Cylinder Direct Acting, surface condensing Compound two Cylinders.

ENGINES, maker of Kemp & Hume
age of new
last time taken out
present condition good
Diameter of Cylinder 18 1/2" and 32"
Length of stroke 22"
No. per minute of Engines 85
of Screw 85
Estimated power 4 1/2
Effective power 140
Diameter of Screw (Paddle Wheels) 10'-0"
Pitch of Screw 10'-0"
No. of Blades (Paddles) 4 Blades
Description of Screw (No. of Flutes) Common
Holding down Bolts, size 1"
present condition Good

Bilge Pumps, No. (1) and size 2 3/4" x 13"
Feed No. (1) and size 2 3/4" x 13"
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed in Bunkers
space between Coal Bunkers and Boilers 6"
for what quantity is space provided 5.3 tons
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck in Engine room
can pump be worked by hand Yes
size of pump (4") and stroke 8"
is hose of sufficient length to reach every part of the Vessel Yes
No. (1) and continuation of hand pumps, if fitted in Engine Room One hand pump 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 Round tubular boiler, two furnaces, Fired from after end, no superheater.

BOILER, maker of Addison Hamilton & Barrie
age of new
when last taken out
present condition Good
working pressure 65 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 four feet
What clear space between Funnel and woodwork 6"
Are Engine and Boiler Keelsons well connected fore and aft Yes

SCREW SHAFT length 43 feet diameter 6" Tunnel thickness of plating 1/4" height 2.4"
width 22" if water-tight door on Engine Bulkhead. stuffing box at bulkhead

Port Port Glasgow 26th day of June 1875

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (Wood) Screw (Paddle) Steam Vessel Hibernian belonging to Messrs Paul & MacKenzie whereof Reams is Master, 202.46 Tons Register, and 140 H.P. have been carefully inspected and examined by us at Port Glasgow and we found the same, at this date, in good order and safe working condition.

Kemp & Hume

