

10682

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.

Compound direct Acting inverted engines with two cylinders

ENGINES, maker of Blackwood & Gordon
age of New
last time taken out
present condition Good
Diameter of Cylinder 26" H.P. & 46" L.P. cylinders
length of stroke 33"
No. per minute of Engines 75
of Screw 75
Estimated power 93
Effective power 400
Diameter of Screw (or Paddle Wheels) 11' 0"
Pitch of Screw 19' 0"
No. of Blades (or Floats) Four blades
Description of Screw (or Floats) cast iron with blade bolted on
Holding down Bolts, size 1 3/8"
present condition Good

Bilge Pumps, No. (Two) and size 3 1/2" x 15" Stroke
Feed ,, No. (Two) and size 3 1/2" x 15" Stroke
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed Athwartship Bunker forward of the Boiler
space between Coal Bunkers and Boilers No bunkers
for what quantity is space provided 30 Tons
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck Engine Room
can pump be worked by hand No
size of pump (3") and stroke 6"
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 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.

Two round horizontal tubular Boilers with two furnaces fired from forward end no Superheating Apparatus

BOILER, maker of Blackwood & Gordon
age of New
when last taken out
present condition Good
working pressure 60 lbs
No. of surface Blow off Cocks to each Boiler one surface & one bottom Blow off on each Boiler

Can each Boiler be used separately Yes
What clear space between top of Boiler and woodwork 9"
What clear space between Funnel and woodwork 12"
Are Engine and Boiler Keelsons well connected fore and aft Yes

SCREW SHAFT length 68 feet diameter 8" Tunnel, thickness of plating 1/4" height 3' 9"
width 3' 3" if water-tight door on Engine Bulkhead. Yes

Port of Port Glasgow 25th day of Oct. 1872

ME

hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood)

Screw (or Paddle) Steam Vessel "Osway" belonging to Harmaubool

whereof J. J. Coombes is Master, 240 Tons Register, and 93 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.

Blackwood & Gordon
Marine Engineers.

IRON 452-0296