

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.

One Pair of direct acting Inverted Cylinder Compound Engines with Surface Condenser having one High Pressure and one Low Pressure Cylinder.

ENGINES, maker of *The Greenock Foundry Co*
 „ age of *New*
 „ last time taken out _____
 „ present condition *New*
 Diameter of Cylinder *45 in High and 48 in Low Pressure*
 Length of stroke *3 feet 9 in*
 No. per minute of Engines *60*
 „ of Screw *60*
 Estimated power *300*
 Effective power *1500*
 Diameter of Screw (or Paddle Wheels) *16 feet 6 in*
 Pitch of Screw *21 feet*
 No. of Blades (or Floats) *4*
 Description of Screw (or Floats) *Griffiths*
 Holding down Bolts, size *1 3/4 inch*
 „ present condition *New*

Bilge Pumps, No. (*Two*) and size *3 1/4 in x 22 1/2 in Stroke*
 Feed „ No. (*Two*) and size *3 1/4 in x 22 1/2 in*
 Spare gear, if usual quantity on board Vessel *Yes*
 Fuel, where stowed *Coal Bunkers*
 „ space between Coal Bunkers and Boilers *15 inches*
 „ for what quantity is space provided *400 Tons*
 Donkey Engine and Boiler *Yes*
 „ if fitted in Engine Room or on Deck *On Deck*
 „ can pump be worked by hand *Yes*
 „ size of pump (*4 1/2 in*) and stroke *8 in*
 „ 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 *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 force, or after end of Boiler, &c.

Four Coal Tubular Boilers with Two Furnaces in each Boiler. No Superheating Apparatus, fired athwartships.

BOILER, maker of *The Greenock Foundry Co*
 „ age of *New*
 „ when last taken out _____
 „ present condition *New*
 „ working pressure *65 lbs*
 No. of surface Blow off Cocks to each Boiler *one*

Can each Boiler be used separately *Yes*
 What clear space between top of Boiler and woodwork *12 inches*
 What clear space between Funnel and woodwork *2 feet*
 Are Engine and Boiler Keelsons well connected fore and aft *Yes*

SCREW SHAFT length *13 1/2 ft* diameter *12 1/2 in* Tunnel, thickness of plating *3/8 in* height *6 ft 6 in*
 width *4 ft 6 in* if water-tight door on Engine Bulkhead. *Yes.*

Port *Greenock* first day of *September* 18 *74*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *"Amara Poora"* belonging to *Patrick Henderson & Co* whereof *_____* is Master, *_____* Tons Register, and *300* H.P. have been carefully inspected and examined by *us* at *Greenock* and *we* found the same, at this date, in good order and safe working condition.

The Greenock Foundry Co
for John Scott
 Marine Engineers.