

BYD'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 Inverted Cylinder Direct acting with Surface condenser.

ENGINES, maker of *London & Glasgow Engineering Co. Ltd.*

„ age of *New*
 „ last time taken out
 „ present condition
 Diameter of Cylinder *31 x 54*
 Length of stroke *33*
 No. per minute of Engines *40*
 „ of Screw *40*
 Estimated power
 Effective power
 Diameter of Screw (or Paddle Wheels) *15*
 Pitch of Screw *16 - 3*
 No. of Blades (or Floats) *Four*
 Description of Screw (or Floats) *Tapered Blade*
 Holding down Bolts, size *1 1/8*
 „ present condition *New*

Bilge Pumps, No. (*2*) and size *6" diam. 6 3/4" Stroke.*
 Feed „ No. (*2*) and size *4 3/4" " 10 "*
 Spare gear, if usual quantity on board Vessel *Yes*
 Fuel, where stowed *Side Bunkers*
 „ space between Coal Bunkers and Boilers *1' 6"*
 „ for what quantity is space provided
 Donkey Engine and Boiler *Yes*
 „ if fitted in Engine Room or on Deck *Donkey in Engine Room*
 „ can pump be worked by hand *Yes*
 „ size of pump () and stroke *1 1/2" diam. 9" Stroke.*
 „ is hose of sufficient length to reach every part of the Vessel *Yes*
 No. () and continuation of hand pumps, if fitted in Engine Room *One*

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.

Circular Tubular high pressure. Boilers two in number

BOILER, maker of *London & Glasgow Engineering Co. Ltd.*

„ age of *New*
 „ when last taken out
 „ present condition
 „ working pressure *62*
 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 *2' 6"*
 What clear space between Funnel and woodwork *2' 6"*
 Are Engine and Boiler Keelsons well connected fore and aft *Yes*

SCREW SHAFT length *94 feet* diameter *8 3/4 x 9 1/2"* Tunnel, thickness of plating width *3' 9"* if water-tight door on Engine Bulkhead. *Yes* height *5 feet.*

Port *Glasgow* *19th* day of *March* 18 *72*

100 hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Lady Lyette* belonging to *Mr. Dunkerley* whereof *George Hawker* is Master, *1855* Tons Register, and *150* H.P. have been carefully inspected and examined by *me* at *Glasgow* and *we* found the same, at this date, in good order and safe working condition.

By the London & Glasgow Engineering & Iron Shipbuilding Co. Limited
 Marine Engineers.