

# 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.*

ENGINES, maker of *London & Glasgow Coy.*  
 age of *New*  
 last time taken out  
 present condition *New*  
 Diameter of Cylinders *40 ins. + 40 ins.*  
 Length of stroke *3 ft. 9 ins.*  
 Revolutions per minute of Engines *52*  
 Pitch of Screw *52*  
 Rated power  
 Effective power  
 Diameter of Screw (or Paddle Wheels) *14 ft. 6 ins.*  
 Pitch of Screw *24 ft. 6 ins.*  
 Number of Blades (or Floats)  
 Description of Screw (or Floats) *Steel Blades*  
 Binding down Bolts, size *1 1/4 ins.*  
 present condition *New*

Bilge Pumps, No. ( *2* ) and size *8 ins. diam. 8 1/2 stroke*  
 Feed „ No. ( *2* ) and size *6 ins. diam. 15 ins. stroke*  
 Spare gear, if usual quantity on board Vessel  
 Fuel, where stowed *Side and Fore & Aft Bunkers*  
 „ space between Coal Bunkers and Boilers *1 ft. 6 ins.*  
 „ for what quantity is space provided  
 Donkey Engine and Boiler  
 „ if fitted in Engine Room or on Deck *Boiler on Deck*  
 „ can pump be worked by hand *Yes*  
 „ size of pump ( *4 1/2* ) and stroke *10 ins.*  
 „ 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 *Boiler, Deck & Sea*

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.

*2 double ended Circular Boilers. 12 Furnaces. Fired fore & aft*

BOILER, maker of *London & Glasgow Coy.*  
 age of *New*  
 when last taken out  
 present condition *New*  
 working pressure *40 lbs*  
 Number 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 *No woodwork*  
 What clear space between Funnel and woodwork *No woodwork*  
 Are Engine and Boiler Keelsons well connected fore and aft *Yes*

SHAFT length *100 ft.* diameter *12 3/4 ins.* Tunnel, thickness of plating  
 width *4 ft. 6 ins.* if water-tight door on Engine Bulkhead. *No* height *5 ft. 6 ins.*

Port *Glasgow* Twelfth day of *December* 18 *72*

*108* hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) (or Paddle) Steam Vessel *Clendyon* belonging to *Allan G. G. G.* is Master, *1373 02* Tons Register, and *275* H.P. have been fully inspected and examined by *us* at *Glasgow* and *108* found the at this date, in good order and safe working condition.

*Stamphord*  
*for London & Glasgow Engineering & Iron*  
*Shipbuilding Company Limited*  
 Marine Engineers.