

# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## ENGINEER'S CERTIFICATE.

14334 J 2013

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 Cylinder Engines*

ENGINES, maker of *Caird & Co.*  
 „ age of *new*  
 „ last time taken out  
 „ present condition *good*  
 Diameter of Cylinder *20 inches & 36 inches*  
 Length of stroke *30 inches*  
 No. per minute of Engines *85 Revs.*  
 „ of Screw *85*  
 Estimated power (60) *60 H.P.*  
 Effective power *400*  
 Diameter of Screw (or Paddle Wheels) *7' 6"*  
 Pitch of Screw *14' 0"*  
 No. of Blades (or Floats) *four*  
 Description of Screw (or Floats) *ordinary*  
 Holding down Bolts, size *1 1/4"*  
 „ present condition *good*

Bilge Pumps, No. ( *2* ) and size *3" diameter*  
 Feed „ No. ( *2* ) and size *3*  
 Spare gear, if usual quantity on board Vessel *yes*  
 Fuel, where stowed *Sides of boilers*  
 „ space between Coal Bunkers and Boilers *18"*  
 „ for what quantity is space provided *544 Tons*  
 Donkey Engine and Boiler *yes*  
 „ if fitted in Engine Room or on Deck *in Engine Room*  
 „ can pump be worked by hand *no*  
 „ size of pump ( ) and 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 *runs*

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.

*Oral, multitubular, with two furnaces, fired from after end*  
*no superheater*

BOILER, maker of *Caird & Co.*  
 „ age of *new*  
 „ when last taken out  
 „ present condition *good*  
 „ working pressure *60 lbs*  
 No. of surface Blow off Cocks to each Boiler *two*

Can each Boiler be used separately  
 What clear space between top of Boiler and woodwork *2 feet to woodwork*  
 What clear space between Funnel and woodwork *4 feet*  
 Are Engine and Boiler Keelsons well connected fore and aft *yes*

CREW SHAFT length *15 feet* diameter *6 1/4 ins.* Tunnel, thickness of plating *1/4"* height *4 feet*  
 width *3 ft. 2 ins* if water-tight door on Engine Bulkhead.

Port *Glasgow* 25 day of *February* 1870

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) *new* (or Paddle) Steam Vessel *"Pyah Pekhet"* belonging to *The British Steam Ship Co. Limited* of *Bombay* is Master, *216* Tons Register, and *60* H.P. have been fully inspected and examined by *us* at *Glasgow* and *we* found the same, at this date, in good order and safe working condition.

*Caird & Co.*  
 Lloyd's Register  
 Marine Engineers.