

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.

ENGINES, maker of	<i>Pearce & Co. Dundee</i>	Bilge Pumps, No. (<i>one</i>) and size	<i>3 1/2 dia</i>
„ age of	<i>new (1884)</i>	Feed „ No. (<i>one</i>) and size	<i>3 1/2 "</i>
„ last time taken out		Spare gear, if usual quantity on board Vessel	<i>Yes</i>
„ present condition	<i>Very good</i>	Fuel, where stowed	<i>Side Bunkers</i>
Diameter of Cylinder	<i>20 ins H Press. 40 ins L Press.</i>	„ space between Coal Bunkers and Boilers	<i>6 ins on Port side 15 ins on Starboard.</i>
Length of stroke	<i>2 ft 6 ins</i>	„ for what quantity is space provided	<i>65 tons.</i>
No. per minute of Engines	<i>ninety five.</i>	Donkey Engine and Boiler	<i>new Pearce & Co</i>
„ of Screw	<i>95.</i>	„ if fitted in Engine Room or on Deck	<i>Deck & extra donkey Engine in engine room.</i>
Estimated power	350 <i>68 NHP</i>	„ can pump be worked by hand	<i>Yes.</i>
Effective power	<i>350 SHP</i>	„ size of pump (<i>3 1/2</i>) and stroke	<i>four ins</i>
Diameter of Screw (or Paddle Wheels)	<i>Screw 9 ft 10 ins</i>	„ is hose of sufficient length to reach every part of the Vessel	<i>Yes.</i>
Pitch of Screw	<i>12 ft 9 ins</i>	No. (<i>four</i>) and continuation of hand pumps, if fitted in Engine Room	<i>Yes in each compartment</i>
No. of Blades (or Floats)	<i>four</i>		
Description of Screw (or Floats)	<i>Adjustable Blades.</i>		
Holding down Bolts, size	<i>about 1 1/2 ins.</i>		
„ present condition	<i>new.</i>		

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.

Multitubular 3 furnaces 45 tubes to each furnace

BOILER, maker of	<i>Pearce & Co</i>	Can each Boiler be used separately	
„ age of	<i>new</i>	What clear space between top of Boiler and woodwork	<i>Grating above.</i>
„ when last taken out		What clear space between Funnel and woodwork	<i>1 ft 8 ins</i>
„ present condition	<i>Very Good</i>	Are Engine and Boiler Keelsons well connected fore and aft	<i>Yes.</i>
„ working pressure	<i>Eighty</i>		
No. of surface Blow off Cocks to each Boiler	<i>None.</i>		

SCREW SHAFT length diameter *7 1/2* Tunnel thickness of plating *1/4* height *3-8*
width *3 ft.* if water-tight door on Engine Bulkhead. *Yes.*

Port *Auckland* 1 day of *July* 18 *85*

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *S.S. 'Pohau'* belonging to *Martin Kennedy* whereof *C E Greagor* is Master, *237.78* Tons Register, and *68 N H.P.* have been carefully inspected and examined by me at *Auckland* and am found the same, at this date, in good order and safe working condition.

Walter Peck
Superintending Engineer for *M Kennedy*
Marine Engineers.

Correct

Wm doobrown
Govt. Engineer
Lloyd's Register Foundation