

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.

*Compound. Direct Acting with 2 inverted Cylinders  
9550 Lm*

ENGINES, maker of	<i>Caird &amp; Co</i>	Bilge Pumps, No. ( <i>2</i> ) and size	<i>3 ins diam</i>
„ age of	<i>New</i>	Feed „ No. ( <i>2</i> ) and size	<i>3</i>
„ last time taken out		Spare gear, if usual quantity on board Vessel	<i>usual</i>
„ present condition	<i>Good</i>	Fuel, where stowed	<i>Bunkers</i>
Diameter of Cylinder	<i>20 ins - 33 ins</i>	„ space between Coal Bunkers and Boilers	<i>15 ins</i>
Length of stroke	<i>2 ft 6 ins</i>	„ for what quantity is space provided	<i>100 Tons</i>
No. per minute of Engines	<i>80 Revolutions</i>	Donkey Engine and Boiler	<i>Both</i>
„ of Screw	<i>One</i>	„ if fitted in Engine Room or on Deck	<i>fitted in Engine Room</i>
Estimated power	<i>60 Horses Nominal</i>	„ can pump be worked by hand	<i>No</i>
Effective power	<i>260</i>	„ size of pump ( <i>3 ins</i> ) and stroke	
Diameter of Screw (or Paddle Wheels)	<i>8 ft 6 ins</i>	„ is hose of sufficient length to reach every part of the Vessel	<i>Yes</i>
Pitch of Screw	<i>12 ft</i>	No. ( ) and continuation of hand pumps, if fitted in Engine Room	<i>None</i>
No. of Blades (or Floats)	<i>4</i>		
Description of Screw (or Floats)			
Holding down Bolts, size	<i>1 1/4</i>		
„ present condition	<i>New</i>		

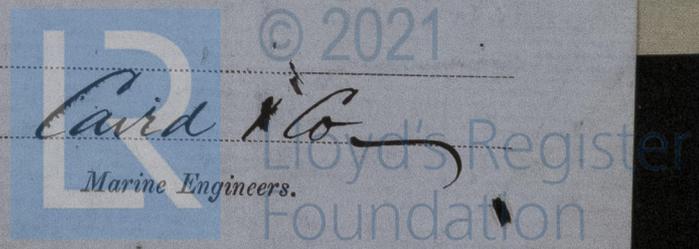
BOILER.—Here state description of Boiler, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired athwartships, or from force, or after end of Boiler, &c.

*1 Oval Multitubular Boiler with 2 furnaces,  
no superheating Apparatus. Fired from after end.*

BOILER, maker of	<i>Caird &amp; Co</i>	Can each Boiler be used separately	
„ age of	<i>New</i>	What clear space between top of Boiler and woodwork	<i>No Wood Work above Boilers</i>
„ when last taken out		What clear space between Funnel and woodwork	
„ present condition	<i>Good</i>	Are Engine and Boiler Keelsons well connected fore and aft	<i>Yes</i>
„ working pressure	<i>60 lbs per sq. inch</i>		
No. of surface Blow off Cocks to each Boiler	<i>One</i>		
SCREW SHAFT length	<i>11 ft 7 ins diameter</i>	Tunnel, thickness of plating	<i>5/16</i>
width	<i>3' 6 ins</i>	if water-tight door on Engine Bulkhead.	<i>yes</i>
		height	<i>4 ft - 6 ins</i>

Port of *Greenock* 25<sup>th</sup> day of *November* 1871

*We* hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Ananda* belonging to *The Burma S.S. Co Limited* whereof *Alex Bowers* is Master, *222* Tons Register, and *60* H.P. have been carefully inspected and examined by *us* at *Greenock* and have found the same, at this date, in good order and safe working condition.



IRON504-0229