

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 *Caird & Co*
,, age of *New*
,, last time taken out
,, present condition *Good*
Diameter of Cylinder *20 ins - 33 ins*
Length of stroke *2 ft 6 ins*
No. per minute of Engines *80 Revolutions*
,, of Screw *One*
Estimated power *60 Horses Nominal*
Effective power *260*
Diameter of Screw (or Paddle Wheels) *8 ft 6 ins*
Pitch of Screw *12 ft*
No. of Blades (or Floats) *4*
Description of Screw (or Floats)
Holding down Bolts, size *1 1/4"*
,, present condition *New*

Bilge Pumps, No. (*2*) and size *3 ins diam*
Feed ,, No. (*2*) and size *3*
Spare gear, if usual quantity on } *usual*
board Vessel
Fuel, where stowed *Bunkers*
,, space between Coal Bunkers } *15 ins*
and Boilers
,, for what quantity is space provided *100 Tons*
Donkey Engine and Boiler *Both*
,, if fitted in Engine Room or } *fitted in Engine Room*
on Deck
,, can pump be worked by hand *No*
,, size of pump (*3 ins*) and stroke
,, is hose of sufficient length to } *Yes*
reach every part of the Vessel
No. () and continuation of hand } *None*
pumps, if fitted in Engine Room

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 *Caird & Co*
,, age of *New*
,, when last taken out
,, present condition *Good*
,, working pressure *60 lbs per sq. inch*
No. of surface Blow off Cocks to } *One*
each Boiler

Can each Boiler be used separately
What clear space between top of } *No Wood Work above Boilers*
Boiler and woodwork
What clear space between Funnel }
and woodwork
Are Engine and Boiler Keelsons } *Yes*
well connected fore and aft
Screw Shaft length *11 ft 7 ins* diameter *6 1/2 ins* Tunnel, thickness of plating *7/16"* height *4 ft - 6 ins*
width *3' - 6 ins* if water-tight door on Engine Bulkhead. *yes*

Port *of Greenock* *25th* day of *November* 187*1*

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.

Caird & Co
Marine Engineers.
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