

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 Engine into Direct acting Inverted Cyl^{rs}
 one high and one low pressure Cyl^{rs}

ENGINES, maker of Blair's
 „ age of new
 „ last time taken out
 „ present condition
 Diameter of Cylinder one 28" & one 56 1/2"
 Length of stroke 36"
 No. per minute of Engines about 60
 „ of ~~Screw~~
 Estimated power 120
 Effective power about 480, g
 Diameter of Screw (or Paddle Wheel) 13-6
 Pitch of Screw about 14-0"
 No. of Blades (or Floats) 4
 Description of Screw (or Floats) "
 Holding down Bolts, size 2 1/4 diam^s
 „ present condition new

Bilge Pumps, No. (2) and size 4 1/4 diam^s
 Feed „ No. (2) and size 4 1/4 diam^s
 Spare gear, if usual quantity on board Vessel } yes
 Fuel, where stowed In Bunkers
 „ space between Coal Bunkers and Boilers } 12"
 „ for what quantity is space provided 85 Tons
 Donkey Engine and Boiler boiler fitted below
 „ if fitted in Engine Room or on Deck }
 „ can pump be worked by hand yes
 „ size of pump () and stroke
 „ is hose of sufficient length to reach every part of the Vessel } deck
 No. () and continuation of hand pumps, if fitted in Engine Room } 3 Pumps of 6" Diam^s one of which is 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 fore, or after end of Boiler, &c.

Two tubular Boilers into 4 furnaces each fired from forward

BOILER, maker of Blair's
 „ age of new
 „ when last taken out
 „ present condition
 „ working pressure 70 lbs
 No. of surface Blow off Cocks to each Boiler } 1 surface & 1 bottom
 SCREW SHAFT length 18-9" diameter 9 3/4"
 width 20" clear of water-tight door on Engine Bulkhead.

Can each Boiler be used separately yes
 What clear space between top of Boiler and woodwork } about 4'-0"
 What clear space between Funnel and woodwork } 2'-3"
 Are Engine and Boiler Keelsons well connected fore and aft } yes
 Tunnel, thickness of plating 4/16" height 5 ft

Port Stockton 30th day of March 18 72

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (~~or Wood~~) Screw (~~or Paddle~~) Steam Vessel Albatross belonging to Gustav Meyer is Master, us Tons Register, and 120 H.P. have been carefully inspected and examined by us at Stockton and we found the same, at this date, in good order and safe working condition.

Pro Blair's
Blair's
 Marine Engineers.