

14349 Iron

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.*Direct acting - inverted - compound engines -
with two cylinders and surface condenser —*

ENGINES, maker of *Denny & Co*
 „ age of *new*
 „ last time taken out _____
 „ present condition _____
 Diameter of Cylinder *35" x 60"*
 Length of stroke *36"*
Revs. No. per minute of Engines *80*
 „ of Screw *80*
Ind. H.P. Estimated power *160*
Sud. H.P. Effective power *930*
 Diameter of Screw (or Paddle Wheel) *12' 0"*
 Pitch of Screw *17' 3"*
 No. of Blades (or Floes) *Four*
 Description of Screw (or Floes) *riseable pear shaped*
 Holding down Bolts, size *Head - 1 1/4"*
 „ present condition _____

Bilge Pumps, No. (*2*) and size *3 1/2" diam. - 18" stroke -*
 Feed „ No. (*2*) and size *3" diam. - 18" stroke -*
 Spare gear, if usual quantity on } *Yes*
 board Vessel
 Fuel, where stowed *At sides of engine & boiler rooms.*
 „ space between Coal Bunkers } *9"*
 and Boilers
 „ for what quantity is space provided *105 tons -*
 Donkey Engine and Boiler
 „ if fitted in Engine Room or } *Engine in engine room*
 on Deck } *in in stokehole -*
 „ can pump be worked by hand *No.*
 „ size of pump (*4"*) and stroke *9"*
 „ is hose of sufficient length to } *Yes*
 reach every part of the Vessel }
 No. (*1*) and continuation of hand } *Yes -*
 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 fore, or after end of Boiler, &c.*One tubular cylindrical boiler - double ended - with three
furnaces in each end - Fired from forward & aft.*

BOILER, maker of *Denny & Co*
 „ age of *new*
 „ when last taken out _____
 „ present condition _____
 „ working pressure *65 lbs.*
 No. of surface Blow off Cocks to } *one*
 each Boiler }

Can each Boiler be used separately _____
 What clear space between top of } *2' 6"*
 Boiler and woodwork }
 What clear space between Funnel } *2' 0"*
 and woodwork }
 Are Engine and Boiler Keelsons } *Yes.*
 well connected fore and aft }

SCREW SHAFT length *21' 3"* diameter *10 3/4"* Tunnel thickness of plating *1/8"* height *5' 6"*
 width *4' 0"* if water-tight door on Engine Bulkhead. *Yes*

Port *Gibraltar* 16th day of *April* 1875

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood)
 Screw (or Paddle) Steam Vessel *Jaupo* belonging to _____
 whereof *Mr. Harlane* is Master, *720* Tons Register, and *160 Ind. H.P.* have been
 carefully inspected and examined by *us* at *Gibraltar* and *we* found the
 same, at this date, in good order and safe working condition.

Denny & Co
Gibraltar

Marine Engineers.



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Foundation