

14247Ln

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.

*Inverted direct acting compound Surface Condensing
Screw Engines*

ENGINES, maker of *Thompson & Co*
 „ age of _____
 „ last time taken out *1875*
 „ present condition *New Cylinders & General repairs.*
 2 Diameter of Cylinders *48 & 25*
 Length of stroke *30*
 No. per minute of Engines *65*
 „ of Screw *65*
 Estimated power *90*
 Effective power *400*
 Diameter of Screw (or Paddle Wheel) *12.0*
 Pitch of Screw *16.0 to 19.0 at box 12.0*
 No. of Blades (or Floats) *3*
 Description of Screw (or Floats) *Right Handed*
 Holding down Bolts, size *2 dia*
 „ present condition *Good*

Bilge Pumps, No. (*2*) and size *1 1/4 dia*
 Feed „ No. (*2*) and size *5 dia*
 Spare gear, if usual quantity on board Vessel *Yes*
 Fuel, where stowed *sides of engine room & cross bunker*
 „ space between Coal Bunkers and Boilers *2.0*
 „ for what quantity is space provided *90 Tons.*
 Donkey Engine and Boiler *yes*
 „ if fitted in Engine Room or on Deck *Engine Room boiler on deck*
 „ can pump be worked by hand *yes*
 „ size of pump (*10*) and stroke *8*
 „ is hose of sufficient length to reach every part of the Vessel *yes*
 No. (*—*) and continuation of hand 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.

*1 Cylindrical Multitubular Boiler 3 Furnaces no superheating
apparatus Fired from after end of boiler*

BOILER, maker of *Thompson & Co*
 „ age of *New*
 „ when last taken out _____
 „ present condition *New*
 „ working pressure *65*
 No. of surface Blow off Cocks to each Boiler *1*

Can each Boiler be used separately *one boiler*
 What clear space between top of Boiler and woodwork *2 feet*
 What clear space between Funnel and woodwork *2 feet*
 Are Engine and Boiler Keelsons well connected fore and aft *Yes*

SCREW SHAFT length *61* diameter *8 1/2* Tunnel thickness of plating _____ height *✓*
 width _____ if water-tight door on Engine Bulkhead. _____

Newcastle
 Port *Newcastle* 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 *“Valdemar”* belonging to *Copenhagen*
 whereof *Hansen* is Master, *439* Tons Register, and *90* H.P. have been
 carefully inspected and examined by *us* at *Newcastle* and *we* found the
 same, at this date, in good order and safe working condition.

Thompson & Co
 Marine Engineers.



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Foundation

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