

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

28th Day of August 1871.

We certify that the whole of the Boilers and Machinery of the
 Steam Vessel "Rydal Hall" belonging to Robert Alexander whereof
 Collins is Master, 2114 Tons, have been carefully inspected and
 examined by us at Glasgow, 1367, and we find the same to be at
 this time in good order and safe working condition.

Witness my hand,

Manufacturing Engineer.

The following is a true Account of the Particulars of the Machinery of the Steam Vessel above named:

ENGINES.

N^o..... Two
 Diameter of Cylinder 40" x 40"
 Length of stroke 3 ft 6 in
 N^o. per minute 58
 Estimated Power 250
 Diameter of Paddles 16' 6"
 Length of Paddles
 Breadth of Paddles
 N^o. of Paddles
 On what motion
 N^o. of revolutions per minute 58
 Size of the holding-down bolts 1 1/8
 Condition of d^o new
 Maker of the Engines J. & S. Lloyd
 Age of the Engines new
 When were they last taken out.....
 Present condition of the Engines.....
 Can injection water be taken from the bilge }
 in the event of a serious leak } yes

BOILERS.

Whether iron or copper..... Iron
 Working pressure 60 lbs
 Can it be increased without going into the }
 boiler }
 What are the means of changing the water }
 while the boilers are at work..... }
 Maker of the Boilers J. & S. Lloyd
 Age of the Boilers next
 When were they last taken out.....
 Present condition
 N^o. of feed pumps..... Two
 How attached
 What clear space upon the topside of the }
 boiler from wood work } No woodwork
 D^o at the end from d^o
 D^o round the chimney from d^o.....

FUEL.

Where stowed Side & cross
 If in contact with boiler bunkers
 If not, what space between coal boxes and }
 boiler } 12"
 For what quantity is room provided.....
 If liable to get wetted no

PUMPS.

N^o. of hand pumps..... One
 Can they be worked by the engine No
 If any attached to engine, their purpose and }
 size }
 N^o. of force pumps..... Two
 N^o. of branches, and hose of sufficient length }
 to reach to every part of the vessel } yes

The London Glasgow Engineers
 & Iron Shipbuilders & Marine Manufacturing Engineers

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