

# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## Certificate for Vessels Navigated by Steam.

19<sup>th</sup> Day of April, 1839.

We certify that the whole of the Boilers and Machinery of the Steam Vessel "*Royal Sovereign*" belonging to *Glasgow* whereof *John W. Arthur* is Master, <sup>240 Tons</sup> ~~304 Tons~~ Tons, have been carefully inspected and examined by us at *Glasgow*, and that we find the same to be at this time in good order and safe working condition.

Witness *John R. Currie*  
*John A. Mearns* Master Engineers.

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

| Engines.  |                                    | Boilers.  |  |
|---|------------------------------------|---|--|
| N° .....  | <i>Two</i>                         | Whether iron or copper .....  | <i>Iron</i>  |
| Estimated Power .....                           | <i>200 Horse</i>                   | Working pressure .....  | <i>6 1/2 lb</i>  |
| Diameter of Paddle-wheels .....                 | <i>20 feet</i>                     | If it can be increased at pleasure .....  | <i>No</i>  |
| Length of Paddles .....                         | <i>1 1/2 feet</i>                  | If any and what means of changing the water without extinguishing the fires and blowing off .....         | } <i>None</i>  |
| Breadth of Paddles .....                        | <i>20 inches</i>                   |   |  |
| If upon the first or second motion .....        | <i>first</i>                       | N° of feed pumps .....  | <i>Two</i>   |
| N° of revolutions per minute .....              | <i>22 to 23</i>                    | How attached .....  | <i>Engine</i>  |
| Size and condition of the holding-down bolts .. | <i>1/2 and 1 1/4</i>               | State of the boilers .....  | <i>New</i>   |
| <i>West of Iron</i>                             |                                    | What clear space upon the topline of the boiler .....   | } <i>2 feet</i><br><i>1 foot</i><br><i>18 inches</i>     |
|   |                                    | D° at the end .....   |  |
|   |                                    | D° round the chimney .....  |  |
| <b>Fuel.</b>                                    |                                    | <b>Pumps.</b>   |  |
| Where stowed .....                              | <i>on top and front of Boilers</i> | N° of hand pumps .....  | <i>three</i>   |
| If in contact with boiler .....                 | <i>Yes</i>                         | If any attached to engine, their purpose and power .....  | } <i>four attached to Engine</i><br><i>Bridge Pumps.</i> |
| For what quantity room is provided .....        | <i>40 Tons</i>                     |   |  |
| If liable to get wetted .....                   | <i>Yes</i>                         | N° of force pumps, with a branch and hose of sufficient length to reach to every part of the vessel ..... | } <i>One double Pump</i>                                 |

*John A. Mearns* Master Engineer.