4310 Bn

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

19th Day of Septr 1865

We certify that the whole of the Boilers and Machinery of the Steam Vessel "Maria" belonging to Bilbao whereof is Master, 238 Tons, have been carefully inspected and examined by us at Glasgow, and we find the same to be at this time in good order and safe working condition.

Witness my hand,

Thomas Wright & Co Manufacturing Engineer.

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

ENGINES.

N°.	Foo
Diameter of Cylinder	20 inches
Length of stroke	24 "
N°. per minute	90
Estimated Power	40 HP.
Diameter of Paddle-wheels	
Length of Paddles	
Breadth of Paddles	
N°. of Paddles	
On what motion	Fixed
N°. of revolutions per minute	90
Size of the holding down bolts	7/8"
Condition of d°.	New
Maker of the Engines	T. Wright
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

FUEL.

Where stowed	Side of Boiler
If in contact with boiler	No
If not, what space between coal boxes and boiler	4 inches
For what quantity is room provided	40 tons
If liable to get wetted	No.

BOILERS.

Whether iron or copper	Iron
Working pressure	30 lb
Can it be increased without going into the boiler	No
What are the means of changing the water while the boilers are at work	Blow off & dooling
Maker of the Boilers	Works
Age of the Boilers	New
When were they last taken out	
Present condition	
N°. of feed pumps	One
How attached	Lever
What clear space upon the topside of the boiler from wood work	12 inches
D°. at the end from d°.	12 "
D°. round the chimney from d°.	24 "

PUMPS.

N°. of hand pumps	Three
Can they be worked by the engine	no
If any attached to engine their purpose and size	One feed & the bilge One dooling
N°. of force pumps	3
N°. of branches, and hose of sufficient length to reach to every part of the vessel	sufficient

Thomas Wright & Co Manufacturing Engineer.

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