LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

2404

27th Day of March 1861.

We certify that the whole of the Boilers and Machinery of the Steam Vessel Amalia belonging to Liverpool whereof G. Clare is Master, 1825 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,

James & George Thomson Manufacturing Engineer.

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

ENGINES.

N°	2
Diameter of Cylinder	43 in
Length of stroke	2 ft. 6 in
N°. per minute	
Estimated Power	£ 280.
Diameter of Paddle-wheels	
Length of Paddles	screw propeller
Breadth of Paddles	
N°. of Paddles	
On what motion	
N°. of revolutions per minute	
Size of the holding-down bolts	2½ in
Condition of d°	
Maker of the Engines	J. & G. Thomson
Age of the Engines	new
When were they last taken out	—
Present condition of the Engines	good.
Can injection water be taken from the bilge in the event of a serious leak	Yes.

FUEL.

Where stowed	alongside Bys & Engines
If in contact with boiler	no
If not, what space between coal boxes and boiler	2 ft. 6 in
For what quantity is room provided	250.
If liable to get wetted	no

BOILERS.

Whether iron or copper	iron
Working pressure	80
Can it be increased without going into the boiler	no
What are the means of changing the water while the boilers are at work	surface blow off
Maker of the Boilers	Horton & Co. Liverpool
Age of the Boilers	new
When were they last taken out	—
Present condition	good.
N°. of feed pumps	2
How attached	To Engines
What clear space upon the topside of the boiler from wood work	no wood work on top of boilers
D° at the end from d°	do
D° round the chimney from d°	do.

PUMPS.

N°. of hand pumps	1 to each compartt.
Can they be worked by the engine	no
If any attached to engine, their purpose and size	Donkey pumps ~~Fire~~
N°. of force pumps	one
N°. of branches, and hose of sufficient length to reach to every part of the vessel	Yes.

James & George Thomson Manufacturing Engineers.

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