LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

9th Day of December, 1863

We certify that the whole of the Boilers and Machinery of the Steam Vessel Forth Queen belonging to Glasgow whereof Joseph Balmay is Master, 369 Tons, 289, have been carefully inspected and examined by us at Renfrew, and we find the same to be at this time in good order and safe working condition.

Witness my hand,

Henderson Coulborn & Co Manufacturing Engineer.

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

Engines.

N°.	two
Diameter of Cylinder	34 inch
Length of stroke	2 ft
N°. per minute	70
Estimated Power	80
Diameter of Paddle-wheels	—
Length of Paddles	—
Breadth of Paddles	—
N°. of Paddles	—
On what motion	first
N°. of revolutions per minute	70
Size of the holding-down bolts	1¼ inch
Condition of d°	new
Maker of the Engines	H & C
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	in Bunkers
If in contact with boiler	no
If not, what space between coal boxes and boiler	8 inches
For what quantity is room provided	80 tons
If liable to get wetted	no

Boilers.

Whether iron or copper	Iron
Working pressure	25 lbs
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 & Brine Cocks
Maker of the Boilers	H & Co
Age of the Boilers	new
When were they last taken out	—
Present condition	—
N°. of feed pumps	two
How attached	Engines
What clear space upon the topside of the boiler from wood work	12 inches
D°. at the end from d°	clear
D°. round the chimney from d°	—

Pumps.

N°. of hand pumps	one
Can they be worked by the engine	one Donkey
If any attached to engine, their purpose and size	from Bilge & to Boilers Deck
N°. of force pumps	two
N°. of branches, and hose of sufficient length to reach to every part of the vessel	yes

Henderson Coulborn Manufacturing Engineer.

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IRON498-0301