LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

I 29th Day of May 1869 certify that the whole of the Boilers and Machinery of the Steam Vessel "Elaine" belonging to Mess Fredk Leech & Co whereof Benjamin Conigall is Master, 218 Tons, have been carefully inspected and examined by me at Belfast, and I find the same to be at this time in good order and safe working condition.

Witness my hand,

Victor Coates 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 Cylinders	30 inches
Length of stroke	28 inches
N°. per minute	80 —
Estimated Power	80 —
Diameter of Paddle-wheels	—
Length of Paddles	—
Breadth of Paddles	—
N°. of Paddles	—
In what motion	—
N°. of revolutions per minute	—
Size of the holding-down bolts	1½ & 1¾
Condition of d°	new
Maker of the Engines	V & R. Coates
Age of the Engines	new
When were they last taken out	—
Present condition of the Engines	—
Injection water be taken from the bilge in the event of a serious leak	Yes

BOILERS.

Whether iron or copper	Iron
Working pressure	30 lbs p inch
Can it be increased without going into the boiler	Yes
What are the means of changing the water while the boilers are at work	by feed pump & donkey pump
Maker of the Boilers	V & R. Coates
Age of the Boilers	new
When were they last taken out	—
Present condition	—
N°. of feed pumps	One & donkey
How attached	by Brass cocks & copper pipes
What clear space upon the topside of the boiler from wood work	8 inches
D° at the end from d°	no wood work
D° round the chimney from d°	— do —

FUEL.

Where stowed	on each side of Boilers & Engines
If in contact with boiler	— no
If not, what space between coal boxes and boiler	about 4 inches
For what quantity is room provided	about 50 Tons
If liable to get wetted	no

PUMPS.

N°. of hand pumps	two
Can they be worked by the engine	no
If any attached to engine, their purpose and size	Bilge Pump 4 in.
N°. of force pumps	feed pump & donkey
N°. of branches, and hose of sufficient length to reach to every part of the vessel	one branch & 2½ hose length of ship

Victor Coates Manufacturing Engineer.

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