

Iron Morton

Iron 33005 986 808 tons 1860 Iron

# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## ENGINEER'S CERTIFICATE.

The following is a true Account of the Particulars of the Machinery and Boilers:—

ENGINES.—Here state description of Engines, whether Direct Acting or Geared, Inverted, Horizontal, Diagonal, or Oscillating Cylinders; No. of Cylinders, &c.

One pair of Inverted direct acting screw engines fitted with Surface Condensers

11269 200

ENGINES, maker of	Messrs Hawthorn & Co. Liverpool	Bilge Pumps, No. ( 2 ) and size	4 1/2 dia
age of	By Messrs Palmers.	Feed ,, No. ( 2 ) and size	do.
last time taken out	new cylinders fitted April 1873.	Spare gear, if usual quantity on board Vessel	Yes
present condition	good.	Fuel, where stowed	side Bunkers
diameter of Cylinder	38"	space between Coal Bunkers and Boilers	10"
length of stroke	30"	for what quantity is space provided	90 tons
per minute of Engines	65	Donkey Engine and Boiler	yes
diameter of Screw	6.5	if fitted in Engine Room or on Deck	Engine Room
estimated power	90	can pump be worked by hand	yes
effective power	360	size of pump ( 4" ) and stroke	8"
diameter of Screw	11'-6"	is hose of sufficient length to reach every part of the Vessel	yes
length of Screw	15'-to 15'	No. ( ) and continuation of hand pumps, if fitted in Engine Room	none
No. of Blades (or Floats)	3.		
Description of Screw (or Floats)	Common		
holding down Bolts, size	2 inches		
present condition	good		

BOILER.—Here state description of Boiler, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired athwartships, or from fore, or after end of Boiler, &c.

One Rectangular dry Bottom Multitubular boiler with four furnaces and Annular Superheater, fired from aft end.

BOILER, maker of	Messrs Palmers	Can each Boiler be used separately	
age of		What clear space between top of Boiler and woodwork	6'-0"
when last taken out		What clear space between Funnel and woodwork	2'-0"
present condition		Are Engine and Boiler Keelsons well connected fore and aft	yes
working pressure	30 lbs good		
No. of surface Blow off Cocks to each Boiler	one		
new SHARP length	40ft diameter 8"	Tunnel thickness of plating	no tunnel
width	if water-tight door on Engine Bulkhead.		none

Port London day of April 1873

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Steam Vessel Iron Morton belonging to John F. Smith & Co. of London, is Master, Tons Register, and 90 H.P. have been fully inspected and examined by us at Victoria Dock, London, and we found the same, at this date, in good order and safe working condition.

for Victoria Dock Engine Works Co. P. Smith Marine Engineers Managers

IRON 453-0444