

9048 Lm

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.

Inverted. Direct acting. Compound. Surface Condensing screw engines —

ENGINES, maker of North Eastern Marine Engineering Co. Bilge Pumps, No. ( 2 ) and size 3 1/2" dia x 33" stroke
,, age of New Feed ,, No. ( 2 ) and size 3 1/2" x 33"
,, last time taken out " Spare gear, if usual quantity on board Vessel Yes
,, present condition " Fuel, where stowed Side bunkers in Engine room.
Diameter of Cylinder 31" and 58" ,, space between Coal Bunkers and Boilers 9"
Length of stroke 33" ,, for what quantity is space provided 102 x 196 Gross
No. per minute of Engines 60 Donkey Engine and Boiler Yes Battered
,, of Screw 60 ,, if fitted in Engine Room or on Deck Engine room
Estimated power 130 ,, can pump be worked by hand Yes
Effective power 520 ,, size of pump ( 4" ) and stroke 6" Yes
Diameter of Screw (or Paddle Wheels) 13' 6" ,, is hose of sufficient length to reach every part of the Vessel Yes
Pitch of Screw 12' to 15' No. ( 1 ) and continuation of hand pump, fitted in Engine Room
No. of Blades (or Floats) 4
Description of Screw (or Floats) Common
Holding down Bolts, size 1 1/2"
,, present condition new

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.

Two cylindrical, tubular boilers with two furnaces in each boiler - fired from fore end of boiler - no superheater.

BOILER, maker of North Eastern Marine Engineering Co. Can each Boiler be used separately Yes
,, age of New What clear space between top of Boiler and woodwork 9"
,, when last taken out " What clear space between Funnel and woodwork 2' 6"
,, present condition " Are Engine and Boiler Keelsons well connected fore and aft Yes
,, working pressure 65 lbs
No. of surface Blow off Cocks to each Boiler 1
SCREW SHAFT length 80 ft. diameter 9 1/4" Tunnel, thickness of plating 3/16 height 5' 8" from top of Tanker
width 3' 9" if water-tight door on Engine Bulkhead. Yes

Port Sunduland 14th day of April 1871

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Kingston belonging to London
whereof is Master, Tons Register, and 130 H.P. have been
carefully inspected and examined by us at Sunduland and we found the
same, at this date, in good order and safe working condition.

London on behalf of the North Eastern Marine Engineering Company Limited. Lloyd's Register Marine Engineers. Walker & Scoble Esq

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