

12830 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.

Compound high & low pressure with surface condenser - direct acting - inverted cylinders -

ENGINES, maker of John Scott & Sons
age of New
last time taken out just put in
present condition good
Diameter of Cylinders 30 & 55 inches
Length of stroke 3 feet
No. per minute of Engines 60
of Screw 60
Estimated power 130 HP
Effective power
Diameter of Screw (or Paddle Wheels) 14 feet
Pitch of Screw 16 1/2 feet
No. of Blades (or Floats) 4
Description of Screw (or Floats) Prop with separate blades
Holding down Bolts, size 3 inches
present condition New

Bilge Pumps, No. (2) and size 4 inches
Feed ,, No. (2) and size 3 1/2
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed Bunkers
space between Coal Bunkers } narrowest place 12"
and Boilers
for what quantity is space provided 250 tons
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck Engine Room
can pump be worked by hand Yes
size of pump (3 1/2) and stroke 16" double action
is hose of sufficient length to reach every part of the Vessel Yes
No. (3) and continuation of hand pumps, if fitted in Engine Room One in Engine Room

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.

2 Boilers - Multitubular - 2 furnaces to each - no superheating apparatus - fixed from fore end -

BOILERS maker of John Scott & Sons
age of New
when last taken out just put in
present condition good
working pressure 60 lbs
No. of surface Blow off Cocks to each Boiler One

Can each Boiler be used separately Yes
What clear space between top of Boiler and woodwork No wood work
What clear space between Funnel and woodwork No
Are Engine and Boiler Keelsons well connected fore and aft Yes

SCREW SHAFT length 83.4 diameter 9 1/4 Tunnel thickness of plating 1/4 height 4 feet
width 3.8 if water-tight door on Engine Bulkhead. Yes

Port Inverkeithing 6 day of June 1874

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "King Arthur" belonging to London whereof is Master, 1047.49 Tons Register, and 130 H.P. have been carefully inspected and examined by us at Inverkeithing and we found the same, at this date, in good order and safe working condition.

John Scott & Sons
Inverkeithing
Marine Engineers.
Lloyd's Register Foundation