

Report No 8170

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

11226

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 Engines with direct acting inverted Cylinders One High and one Low pressure.

ENGINES, maker of Blair & Co age of new last time taken out present condition Diameter of Cylinder 29 1/2" x 59" length of stroke 36" No. per minute of Engines about 60 Estimated power 130 H.P. Effective power 520 H.P. Diameter of Screw (or Paddle Wheels) 14 feet Pitch of Screw No. of Blades (or Floats) 4 Description of Screw (or Floats) Holding down Bolts, size 2" diam present condition new Bilge Pumps, No. (2) and size 4 1/2" diam Feed ,, No. (2) and size 4 1/2" diam Spare gear, if usual quantity on board Vessel yes Fuel, where stowed In Bunkers space between Coal Bunkers and Boilers 12" for what quantity is space provided Donkey Engine and Boiler Engine below if fitted in Engine Room or on Deck Boiler on Deck can pump be worked by hand yes size of pump (7 1/2") and stroke 9" double acting These is hose of sufficient length to reach every part of the Vessel deck No. () and continuation of hand pumps, if fitted 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.

Two Tubular Boilers, each with three furnaces fired from forward.

BOILER, maker of Main & Co age of new when last taken out present condition working pressure 65 lbs No. of surface Blow off Cocks to each Boiler 1 Surface & 1 bottom blow off cock Can each Boiler be used separately yes What clear space between top of Boiler and woodwork 2' 6" What clear space between Funnel and woodwork 2' 3" Are Engine and Boiler Keelsons well connected fore and aft yes SCREW SHAFT length 21' 6" diameter 10" Tunnel, thickness of plating height width if water-tight door on Engine Bulkhead.

Port of West Hartlepool 15 day of April 1873

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel S.S. "Luxor" belonging to Hamburg whereof C. Danielson is Master, 821 Tons Register, and 130 H.P. have been carefully inspected and examined by us at West Hartlepool and we found them to be in good order and safe working condition.

Robt Blair & Co Ltd M Blair Marine Engineers