

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.

A pair of Compound High and low pressure direct Acting Engines,
2 Inverted Cylinders 35" x 60" with surface Condensers

ENGINES, maker of

Wm Simons & Co

„ age of

New

„ last time taken out

—

„ present condition

—

Diameter of Cylinders

35" x 60"

Length of stroke

3 feet 3 inches

No. per minute of Engines

60

„ of Screw

60

Estimated power

200

Effective power

800

Diameter of Screw (or Paddle Wheels)

13 feet 9 ins

Pitch of Screw

20 " 6 "

No. of Blades (or Floats)

4

Description of Screw (or Floats)

True Screw (Steel)

Holding down Bolts, size

1 1/2 inches

„ present condition

New

Bilge Pumps, No. (*4*) and size

4 inches

Feed „ No. (*3*) and size

4 "

Spare gear, if usual quantity on board Vessel

Yes

Fuel, where stowed

Iron Bunkers

„ space between Coal Bunkers and Boilers

14 inches

„ for what quantity is space provided

200 tons

Donkey Engine and Boiler

Yes

„ if fitted in Engine Room or on Deck

on Deck

„ can pump be worked by hand

Yes

„ size of pump () and stroke

5 1/2 " 10 "

„ is hose of sufficient length to reach every part of the Vessel

Yes

No. (*2*) 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.

One Cylindrical Boiler with Brass Lugs having 6 furnaces and two superheaters or steam chests, 3 fires at each end fired fore and aft

BOILER, maker of

Wm Simons & Co

„ age of

New

„ when last taken out

—

„ present condition

—

„ working pressure

60 lbs. per sq. inch

No. of surface Blow off Cocks to each Boiler

(2) two

Can each Boiler be used separately

What clear space between top of Boiler and woodwork

2 feet

What clear space between Funnel and woodwork

2 feet

Are Engine and Boiler Keelsons well connected fore and aft

Yes

SCREW SHAFT length

100 ft. 9"

diameter

9 3/4"

Tunnel, thickness of plating

3/8"

height

5 feet

width

4 feet

if water-tight door on Engine Bulkhead.

Yes

Port

Newport

day of

14th June

18

92

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Ugypia* belonging to *Glasgow* whereof *✓* is Master, *1495* Tons Register, and *200* H.P. have been carefully inspected and examined by *us* at *969 Newport* and *we* found the same, at this date, in good order and safe working condition.

Wm Simons & Co

Marine Engineers.