

Report No 3321. S.S. "Glendale"

129539

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 Direct Acting Inverted Cylinders & Surface
Condensing Engines, No. of Cylinders Two,

ENGINES, maker of Sho. Richardson & Sons

~~Age of~~

~~When last taken out~~

present condition New

Diameter of Cylinders 28" & 53"

Length of stroke 33"

No. per minute of Engines 65

of Screw 65

Estimated power 110

Effective power 500

Diameter of Screw (or Raddle Wheel) 12" & 6"

Pitch of Screw

No. of Blades (or Floats) 4

Description of Screw (or Floats) Ordinary

Holding down Bolts, size 1 1/4" Diameter

present condition New

Bilge Pumps, No. (Two) and size 6" Diameter & 6" Stroke

Feed, No. (") and size 3 1/4" & 2 3/8"

Spare gear, if usual quantity on board Vessel Yes.

Fuel, where stowed Side Bunkers

space between Coal Bunkers and Boilers 15' & 31"

for what quantity is space provided 140 Tons

Donkey Engine and Boiler Yes.

if fitted in Engine Room or on Deck In the engine room

can pump be worked by hand No.

size of pump (1 1/2") and stroke 9" Double acting

is hose of sufficient length to reach every part of the Vessel Yes.

No. (One) and continuation of hand pumps, if fitted in Engine Room Fitted in the 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.

Cylindrical Boiler. Tubular. Four Furnaces. No
Superheater & Force Fore & Aft

BOILER, maker of Sho. Richardson & Sons

~~Age of~~

~~When last taken out~~

present condition New

working pressure 65 lbs per sq. inch

No. of surface Blow off Cocks to each Boiler One surface & one bottom

SCREW SHAFT length 86" 0" diameter 8 1/2" & 9" Tunnel thickness of plating 5/16" & 1/4" height 4" 9"
width 3" 9" if water-tight door on Engine Bulkhead. Yes.

Can each Boiler be used separately Single boiler

What clear space between top of Boiler and woodwork 4" 0"

What clear space between Funnel and woodwork 2" 6"

Are Engine and Boiler Keelsons well connected fore and aft Yes.

Port Hartlepool 13th day of June 18 74

We hereby certify, that the whole of the above Machinery and Boilers, of the Iron (or Wood)
Screw (or Raddle) Steam Vessel "Glendale" belonging to Steel Young & Co.
whereof Thomas Whitelaw is Master, 711.58 Tons Register, and 110 H.P. have been
carefully inspected and examined by us at Hartlepool, and we found the
same, at this date, in good order and safe working condition.

Richardson & Sons
per Chas. Smith
Marine Engineers