

15647 Jan

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER'S CERTIFICATE.

Re 11/1/75

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 Inverted, Direct Acting, with Surface Condensers, Two Cylinders 25" & 48" diam x 30" Stroke

ENGINES, maker of Gole Engineering & Shipbuilding Company Ltd
age of 1875 - new
last time taken out
present condition New, Good
Diameter of Cylinder 25" & 48"
Length of stroke 30"
No. per minute of Engines 86
of Screw 86
Estimated power 90 H nominal
Effective power 460 H Ind in trial
Diameter of Screw (or Paddle Wheels) 11-6"
Pitch of Screw 16-0"
No. of Blades (or Floats) 4
Description of Screw (or Floats) Ordinary
Holding down Bolts, size Flans carried up to Soleplate with 1/2" covering plate, held down by 60 1/2 bolts

Bilge Pumps, No. (2) and size 3" diam
Feed No. (2) and size 3"
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed In Bunkers Annular
space between Coal Bunkers and Boilers 18"
for what quantity is space provided 103 tons
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck In Stowholes
can pump be worked by hand Yes
size of pump (4 1/2" and stroke 6"
is hose of sufficient length to reach every part of the Vessel Yes
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 fitted athwartships, or from fore, or after end of Boiler, &c.

Tubular (Blue) Three furnaces, fixed from fore end of Boiler

BOILER, maker of Gole Engineering & Shipbuilding Coy limited
age of New
when last taken out
present condition New - Good
working pressure 60 lbs per sq inch
No. of surface Blow off Cocks to each Boiler One

Can each Boiler be used separately
What clear space between top of Boiler and woodwork Clear upwards
What clear space between Funnel and woodwork 3-6"
Are Engine and Boiler Keelsons well connected fore and aft Yes

SCREW SHAFT length 120ft diameter 8" Tunnel thickness of plating 5/16 & 3/8 height 4-9
width 3-10 if water-tight door on Engine Bulkhead. Yes

Port of Gole 17th day of December 1875

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "Stanley Main" belonging to The Yorkshire Coal & Steam Ship Company Limited whereof Robert Thorn is Master, 701 Gross Tons Register, and 90 H.P. have been carefully inspected and examined by me at Gole and I found the same, at this date, in good order and safe working condition.

John Key

Manager, Gole Engineering & Shipbuilding Marine Engineers. Coy Limited



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