

15647 Jan

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

ENGINES, maker of *Goole Engineering & Shipbuilding
Company - Ltd*
,, age of *1875 - new*
,, last time taken out *never*
,, 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 *Flux carried up to
soleplate with 5 covering*
,, present condition *plate held down by 60. 1 1/2 bolts*

Bilge Pumps, No. (*2*) and size *3" diam*
Feed ,, No. (*2*) and size *3" —*
Spare gear, if usual quantity on } *Yes*
board Vessel
Fuel, where stowed *In Bunkers Amidships*
,, space between Coal Bunkers } *18"*
and Boilers
,, for what quantity is space provided *103 tons*
Donkey Engine and Boiler *Yes*
,, if fitted in Engine Room or } *In Stowhole*
on Deck
,, can pump be worked by hand *Yes*
,, size of pump (*4 1/2*) and stroke *6"*
,, is hose of sufficient length to } *Yes*
reach every part of the Vessel
No. () and continuation of hand } *never*
pumps, if fitted in Engine Room } *passed by Board of Ind*

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 *Goole Engineering & Shipbuilding
Company Limited*
,, age of *new*
,, when last taken out *never*
,, present condition *new - good*
,, working pressure *60 lbs per sq inch*
No. of surface Blow off Cocks to } *One*
each Boiler

Can each Boiler be used separately *never*
What clear space between top of } *Clear upwards*
Boiler and woodwork
What clear space between Funnel } *3.6"*
and woodwork
Are Engine and Boiler Keelsons } *Yes —*
well connected fore and aft

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 *Goole* 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 Thorne* is Master, *701 Gross Tons* Register, and *90* H.P. have been
carefully inspected and examined by *me* at *Goole* and I found the
same, at this date, in good order and safe working condition.

John Key

Manager, *Goole Engineering & Shipbuilding
Marine Engineers. Eng Limited*



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Foundation

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