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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 two Cylinders

ENGINES, maker of *J & T Young*  
age of *New*  
last time taken out *New*  
present condition *New*  
diameter of Cylinder *26" 4 1/2"*  
length of stroke *24 in*  
per minute of Engines *66*  
of Screw *66*  
estimated power *95*  
effective power *95*  
diameter of Screw (or Paddle Wheels) *11 ft*  
pitch of Screw *18 ft*  
number of Blades (or Floats) *4*  
description of Screw (or Floats) *Iron*  
fastening down Bolts, size *1 3/4*  
present condition *New*

Bilge Pumps, No. ( *2* ) and size *3 1/2*  
Feed „ No. ( *2* ) and size *3 1/2*  
Spare gear, if usual quantity on board Vessel *Yes*  
Fuel, where stowed *on each side Boiler*  
„ space between Coal Bunkers and Boilers *8 in*  
„ for what quantity is space provided *90 tons*  
Donkey Engine and Boiler *Yes*  
„ if fitted in Engine Room or on Deck *Engine Room*  
„ can pump be worked by hand *Yes*  
„ size of pump ( *3* ) and stroke *9 in*  
„ is hose of sufficient length to reach every part of the Vessel *Yes*  
No. ( *4* ) and continuation of hand pumps, if fitted in Engine Room *Yes*

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 force, or after end of Boiler, &c.

One Circular Multitubular three furnaces  
No superheater large upright steam chest  
fired after end

BOILER, maker of *J & T Young*  
age of *New*  
when last taken out *New*  
present condition *New*  
working pressure *65 lbs*  
surface Blow off Cocks to each Boiler *one*

Can each Boiler be used separately *Only one*  
What clear space between top of Boiler and woodwork *one foot*  
What clear space between Funnel and woodwork *one foot*  
Are Engine and Boiler Keelsons well connected fore and aft *Yes*

SHAFT length *65 ft* diameter *8 in* Tunnel, thickness of plating *3/8* height *5 ft*  
width *to frame* if water-tight door on Engine Bulkhead. *no, in frame aft*

Port *Ayr* 5th day of *September* 18*92*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) (or Paddle) Steam Vessel *Saltie* belonging to *Glasgow*  
of *Tons* is Master, *252* Tons Register, and *95* H.P. have been  
fully inspected and examined by *us* at *Ayr* and *we* found the  
at this date, in good order and safe working condition.

*J & T Young*  
*Duncan Foundry*  
Marine Engineers.