

* 15 3/4 3 8 Iron

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.

Two direct acting
~~One round~~

Rec 2/2/76

ENGINES, maker of *Marshall Osborne* *S. Shields*
,, age of *3 years*
,, last time taken out *not taken out*
,, present condition *Very Good*
Diameter of Cylinder *28 inches*
Length of stroke *Two feet*
No. per minute of Engines *100*
,, of Screw *100*
Estimated power *50*
Effective power
Diameter of Screw (or Paddle Wheels) *10 feet*
Pitch of Screw *15 feet*
No. of Blades (or Floats) *3 Three*
Description of Screw (or Floats) *Common Screws*
Holding down Bolts, size
,, present condition *Very Good*

Bilge Pumps, No. (*2*) and size *3 inches*
Feed ,, No. (*2*) and size *3 1/2 inches*
Spare gear, if usual quantity on } *yes*
board Vessel
Fuel, where stowed *Bunkers*
,, space between Coal Bunkers }
and Boilers
,, for what quantity is space provided *40 tons coals*
Donkey Engine and Boiler *one*
,, if fitted in Engine Room or } *Deck*
on Deck
,, can pump be worked by hand *yes*
,, size of pump (*3*) and stroke *8 inches*
,, is hose of sufficient length to } *yes*
reach every part of the Vessel }
No. (*1*) and continuation of hand } *none*
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.

Two Furnaces *One Round Tubular Boiler*
Fire from after end

BOILER, maker of *Marshall Osborne* *S. Shields*
,, age of *Three Years*
,, when last taken out *Not taken out*
,, present condition *Very Good*
,, working pressure *30 pound*
No. of surface Blow off Cocks to } *one*
each Boiler
SCREW SHAFT length *21 ft.* diameter *10 inches* Tunnel thickness of plating *none* height
width if water-tight door on Engine Bulkhead. *yes*

Can each Boiler be used separately
What clear space between top of } *18 inches*
Boiler and woodwork
What clear space between Funnel } *5 ft*
and woodwork
Are Engine and Boiler Keelsons } *yes*
well connected fore and aft }

Port of *Dublin* 25th day of *June* 18 *76*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "*Fahe*" belonging to *Lindenderry* whereof *Daniel Gillaspie* is Master, *199* Tons Register, and *36* H.P. have been carefully inspected and examined by us at *Dublin* and we found the same, at this date, in good order and safe working condition.

Benley Webb Dublin