

HOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER'S CERTIFICATE.

Following is a true Account of the Particulars of the Machinery and Boilers:—

NES.—Here state description of Engines, whether Direct Acting or Geared, Inverted, Horizontal, Diagonal, or Oscillating Cylinders; No. of Cylinders, &c.

Direct Acting Inverted Two cylinders

maker of *Marshall Osborn & Co*
 of *New*
 time taken out *Never*
 ant condition *Good*
 f Cylinder s *28 inches*
 stroke *24"*
 ute of Engines *80*
 rew *80*
 power *56 Horse Power nominal*
 wer *about 250 Indicators*
 Screw (or Paddle Wheels) *9 ft*
 rew *14 ft*
 es (or Floats) *Four*
 of Screw (or Floats) *Common*
 yn Bolts, size *1 1/2" dia*
 at condition *Good*

Bilge Pumps, No. (*1*) and size *3 1/2" dia*
 Feed „ No. (*1*) and size *3 1/2" dia*
 Spare gear, if usual quantity on board Vessel *As usual*
 Fuel, where stowed *Iron Bunkers*
 „ space between Coal Bunkers and Boilers *6 in*
 „ for what quantity is space provided *60 Tons*
 Donkey Engine and Boiler *Yes*
 „ if fitted in Engine Room or on Deck *Boiler on Deck*
 „ can pump be worked by hand *Yes*
 „ size of pump (*4"*) and stroke *9 in*
 „ is hose of sufficient length to reach every part of the Vessel *Yes*
 No. () and continuation of hand pumps, if fitted in Engine Room

R.—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.

Tubular, Two furnaces. partial superheating
from fore aft end

maker of *Marshall Osborn & Co*
 of *New*
 ast taken out *Never*
 condition *Good*
 g pressure *40 lbs*
 e Blow off Cocks to *One*
 ler
 length *10'-9"* diameter *6 1/8"* Tunnel, thickness of plating *5/16"* height *4'-6"*
3 ft if water-tight door on Engine Bulkhead. *Yes*

Can each Boiler be used separately
 What clear space between top of Boiler and woodwork *2 feet*
 What clear space between Funnel and woodwork *2 feet 6 in*
 Are Engine and Boiler Keelsons well connected fore and aft *Yes*

Port *Newcastle* *24* day of *December* 18 *72*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (~~on Wood~~) Steam Vessel *"Hoyle"* belonging to *Londonderry* *Gillaspie* is Master, *199* Tons Register, and *56* H.P. have been inspected and examined by *us* at *Wilmington Quay in Tyne* and *We* found the date, in good order and safe working condition.

Marshall Osborn & Co
South Shields
 Marine Engineers.