

Mary Nyson

10249 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.

Compound High pressure reciprocating Condensing.
Vertical Direct-acting

ENGINES, maker of Victorinox Works
 „ age of works be
 „ last time taken out
 „ present condition new
 Diameter of Cylinder 26 and 57
 Length of stroke 30 inches
 No. per minute of Engines 64
 „ of Screw
 Estimated power 100
 Effective power 380
 Diameter of Screw (or Paddle Wheels) 12 feet
 Pitch of Screw 14 to 16 feet
 No. of Blades (or Floats) 4
 Description of Screw (or Floats) Common screw
 Holding down Bolts, size 2 1/2
 „ present condition good

Bilge Pumps, No. (2) and size 4 1/2
 Feed „ No. (2) and size 4 1/2
 Spare gear, if usual quantity on board Vessel usual quantity
 Fuel, where stowed in the bunkers
 „ space between Coal Bunkers and Boilers }
 „ for what quantity is space provided 90 tons
 Donkey Engine and Boiler
 „ if fitted in Engine Room or on Deck } Engine Room
 „ can pump be worked by hand by hand
 „ size of pump (5) and stroke 8 ins
 „ is hose of sufficient length to reach every part of the Vessel } to reach every part
 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 Fired athwartships, or from fore, or after end of Boiler, &c.

Multitubular Boiler with 4 furnaces, superheated, fired from forward

BOILER, maker of Victorinox Works
 „ age of works be
 „ when last taken out
 „ present condition new
 „ working pressure 45 lbs
 No. of surface Blow off Cocks to each Boiler } one to each

Can each Boiler be used separately separately
 What clear space between top of Boiler and woodwork } 8 feet
 What clear space between Funnel and woodwork } 3 feet
 Are Engine and Boiler Keelsons well connected fore and aft } well connected

SCREW SHAFT length 40 feet diameter 9 ins Tunnel, thickness of plating _____ height _____
 width _____ if water tight door on Engine Bullhead.

Port of London 3 day of May 18 22

hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Mary Nyson belonging to Newcastle whereof Gieves is Master, 557 Tons Register, and 100 H.P. have been carefully inspected and examined by me at Victorinox Works and found the same, at this date, in good order and safe working condition.

Wm Brough
 Marine Engineers.
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