

15569 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.

Direct Acting, Inverted Cylinders, Compound Engines, with three cylinders

ENGINES, maker of John Elder & Co. age of New last time taken out present condition Diameter of Cylinder H.P. 4.5 in - L.P. 6.2 in Length of stroke 4' 3" No. per minute of Engines 65 of Screw 65 Estimated power 500 H.P. Effective power about 2300 I.H.P. Diameter of Screw (or Paddle Wheel) 17 ft. Pitch of Screw 25 ft. No. of Blades (or Floats) Four Description of Screw (or Floats) Common Holding down Bolts, size 1 1/2" dia. present condition New

Bilge Pumps, No. (2) and size 6 1/2" dia. x 20" Stroke Feed No. (2) and size 6 1/2" dia. x 20" Stroke Spare gear, if usual quantity on board Vessel Yes Fuel, where stowed In. of, and aft of, Boilers space between Coal Bunkers and Boilers Stowholes are between = 8' 3" for what quantity is space provided In Bunkers 1000 tons In Holds 880 tons = 1880 tons Donkey Engine and Boiler Yes if fitted in Engine Room or on Deck Boiler on Deck and Engine in Engine Room can pump be worked by hand Fitted with Hand Pump additional size of pump (4 7/8") and stroke 8" double acting is hose of sufficient length to reach every part of the Vessel Yes 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.

Two cylindrical Tubular Boilers, each with six furnaces, fired at each end, Fore and Aft. Fitted with Superheater

BOILERS, maker of John Elder & Co. age of New when last taken out present condition New working pressure 75 lbs No. of surface Blow off Cocks to each Boiler One

Can each Boiler be used separately Yes What clear space between top of Boiler and woodwork 3' 3" What clear space between Funnel and woodwork 2' 9" Are Engine and Boiler Keelsons well connected fore and aft Yes

SCREW SHAFT length 83 feet diameter 14 ins. Tunnel thickness of plating 5/16" height 6' 2" width 4' 6" if water-tight door on Engine Bulkhead. Yes

Port Glasgow 20th day of Decr 1875

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "Australia" belonging to Glasgow whereof Wm Gorgill is Master, 1714 Tons Register, and 500 H.P. have been carefully inspected and examined by us at Glasgow and we found the same, at this date, in good order and safe working condition.

John Elder & Co. Marine Engineers.



Lloyd's Register Foundation

IRON 464-0258