

I. "Empress of Australia"

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 15069

Port Hamburg.)

No. 201

ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by Messrs. Stettiner Vulcan of Stettin for the Engines No. being constructed by Empress of of for the Ship No. Australia being built by

have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects

Hamburg 2nd June 1922
Friedrich Hitz.

Lloyd's

No. only
PW

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material* ...
Made ...
Dimensions ...
Stress on
Inspection }
on Standard
Test Pieces.
Tensile Test—
per square inch ...
Elongation per cent ...
Bending Test—
before fracture ...
When Inspected

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

for suction strainers, several parts of pipe connections, = 32.8 Tons p. sq. inch; 33.0% elong. in 3"
valve casings, connection pieces etc.
on strainer bodies, several parts of pipe connections, = 30.4 " " " ; 32.0% " "
connection pieces.
for suction strainers, 4 caps for oil fuel heaters, = 28.4 " " " ; 36.0% " "
several parts of pipe connections, connection pieces &
valve casings.
mediate piece, 4 discharge strainer bodies, several parts of = 29.7 " " " ; 34.0% " "
connections, quick closing valve casings, connection pieces

Fee (if any chargeable) £

To be paid at Hamburg

If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

W1086-0089