

COPY

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II.

"Empress of Australia"

For the information of Surveyors and the Committee only.

Sept. 7.

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. Hettner Vulcan of Stettin for the Engines No. _____ being constructed by Empress of for the Ship No. Australia, being built by of _____ of _____

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

on Forgings or Castings.

Hamburg 2nd June 1922
Friedrich J. M.

Lloyd's
No. only
F.W.

STRAIGHT SHAFTING.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...				
made ...				
ensions ...				
gress on { nspection }				
sts on Standard Test Pieces.				
ssile Test—				
ons per square inch ...				
extension per cent ...				
d Bending Test—				
angle before fracture ...				
es when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

ers for discharge strainers, several parts of pipe connections = 29.7 tons p. sq. inch; 30.5% long in 3"
es, 20 quick closing valve casings, several parts of pipe connections = 33.0 " " ; 21.0% " "
al parts of pipe connections, as bulkhead pipe connections, = 30.5 " " ; 26.0% " "
valve casings, connection pieces etc. = 30.4 " " ; 28.0% " "
al parts of pipe connections, as bulkhead pipe connections, valve casings, connection pieces etc.
hammering— Bend Tests satisfactory.
Discharge strainers tested by hydraulic pressure to 455 lbs. p. sq. inch, suction strainers to 99.5 lbs. p. sq. inch

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.

W1086-0090

