

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. 9291 Port WEST HARTLEPOOL.)

No. 94. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Gussstahlfabrik Fried. Krupp of Essen & Ruhr. for the Engines No. 163. being constructed by Central Marine Eng. Works of West Hartlepool. for the Ship No. "Pacific" being built by W Gray & Co (Lim) of W Hartlepool have been inspected by me as set forth below, and found to be, so far as can be seen, free from surface marks or defects.

2 collared parts and 1 pin for a spare crankshaft.

Engine N^o: 163 (Spare)

Mark on Forgings.

Lloyd's

No. 128

J.M. 10.93.

Düsseldorf 14 October 1893

Johannes Meijer

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<u>Siemens Martin</u>			
How made	<u>Forged.</u>			
Dimensions	<u>1 1/2"</u>			
Progress on Inspection	<u>Rough turned.</u>			
Dates when Inspected	<u>5 & 7. Oct. 93.</u>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:

A tensile test gave the following results:
area of sample .4852
Breaking strain of sample 13.50 Tons.
tensile strength per sq. inch 27.9 Tons.
Elongation in 8 Inches 27.7 %.

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.

