

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 H. Gray & Co (Linn.) 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 crank shaft.

Engine No. 163 (Spare)

Mark on Forgings.

Lloyd's

No. 128J.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>11 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.