

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. 9854 Port **WEST HARTLEPOOL**.)No. 209 **ENGINE FORGINGS OR CASTINGS.**

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Eisenthalfabrik Fried Krupp of Essen for the Engines No. 509 being constructed by Cent. Mar. Engine Works of West. Hartlepool for the Ship No. 509, being built by Messrs W Gray & Co. of West Hartlepool have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from surface marks or defects.

8 Collared parts & 4 pins for 2 built crankshafts.

Working & spare crank shafts.

Mark on Forgings.

Lloyd's

No. 359

J.M. 8. 95

Düsseldorf 30 August 1895

Johannes Meijer

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<u>Siemens Martin</u>			
How made	<u>Forged.</u>			
Dimensions	<u>10 3/4" diam.</u>			
Progress on Inspection	<u>rough turned.</u>			
Dates when Inspected	<u>28 & 29 August.</u>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:

A sample cut lengthways from the material proved to have a tensile strength of 29.1 Tons per sq. inch, with an elongation of 24.5% in 200 mm.

Fee (if any chargeable) £

To be paid at

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