

S.S. Aron

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Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. *9685* Port **WEST HARTLEPOOL,**)

No. *134.* ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *the Guststahlfabrik Fried. Krupp of Essen & Ruhr.* for the Engines No. *1100* ^{*13167*} being constructed by *the Cente Marine Eng. Works of West-Hartlepool.* for the Ship No. *211*, being built by *Furness Withy & Co.* of *West 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.*

6 collared parts and 3 pins for a built shaft.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings.

Lloyd's
No. *206.*
J.M. 2. 94

Düsseldorf 17. Februar 1894
J. Schaeffer

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<i>Siemens Martin</i>			
How made	<i>Forged.</i>			
Dimensions	<i>4" diam.</i>			
Progress on Inspection	<i>Rough turned.</i>			
Dates when Inspected	<i>10. & 16 Febr.</i>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:

A sample of the material proved to have a tensile strength of 29.2 Tons per square inch, with an elongation of 25% in a length of 8 inches. The sample was taken lengthwise from the forging.

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