

Received at

Office

19

E.

## Lloyd's Register of British &amp; Foreign Shipping.

(Report on Machinery, No. 14845 Port

Magdala

Order 16735

No. 17763.

ENGINE FORGINGS OR CASTINGS.

259

I have to report that the ~~Iron~~ Steel Forgings ~~or castings~~, as herein described, manufactured by Messrs. Gutehoffnungshütte Aktienverein of Oberhausen for the Engines No. 2307 being constructed by Richardsons Westgarth & Co. Ltd. of West Hartlepool for the Ship No. , being built by 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.

2 journals 1 pin

Mark on Forgings or Castings.

Lloyd's

No. 406,407

W.S. 10.13.

Düsseldorf 9th, October 1913.

A. J. J. J. J.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	annealed siemens Martin Ingotsteel			
How made ...	forged			
Dimensions ...	13 1/2" diam.			
Progress on { Inspection }	rough turned			
Tests on Standard Test Pieces.	diameter .798"			
Tensile Test— Tons per square inch ...	see below.			
Extension per cent ...				
Cold Bending Test— Angle before fracture ...	180 degr. good.			
Dates when Inspected	23.26/9.7/10.1913.			

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

No. 406 1 journal 29.9 tons per square inch 27.6% Elong. in 3"  
 - 407 1 journ. & 1 pin 28.3 - - - 34.1% - - -

Fee (if any chargeable) £

To be paid at Düsseldorf

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.