

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

The Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 14845 Port WEST HARTLEPOOL.)

Order 16785.

No. 18247

ENGINE FORGINGS OR CASTINGS

Sp Magdala

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Gutehoffnungshütte, A.-V. of Oberhausen for the Engines No. 2307 being constructed by Messrs. Richardsons Westgarth & Co. of 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.**

1 intermediate shaft, 1 thrust shaft.

Mark on Forgings or Castings.

Lloyd's
No. 3593, 3594.
M.B.1.14.

Düsseldorf, 3rd January 1914.

M. Key

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/	annealed Siemens-Martin-Ingotsteel		
How made ...		forged	forged	
Dimensions ...		13 1/2" diam.	12 5/8" diam.	
Progress on Inspection ...		rough turned	rough turned	
Tests on Standard Test Pieces.		diameter .798" No. 3594.	diameter .798" No. 3593.	
Tensile Test—		30.4	29.5	
Tons per square inch ...		31.5	31.5	
Extension per cent ...		180 degr. good.	180 degr. good.	
Cold Bending Test—	23,30/12.1913.2/1.1914.			
Angle before fracture ...				
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.

