

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 14845- Port

s/s 'magdala'



Order 16735.

No. 17762.

ENGINE FORGINGS OR CASTINGS

I have to report that the ~~xxxxxx~~ Steel Forgings ~~or castings~~ as herein described, manufactured by ~~xxxxxx~~ Gutehoffnungshütte, Aktienverein of Oberhausen for the Engines No. 2307 being constructed by ~~xxxxxx~~ Richardsons Westgarth & Co. Ltd. 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 journal 1 pin, 1 pin.

Mark on Forgings or Castings.

Lloyd's

No. 417, 418.

W.S. 10.13.

Düsseldorf, 13th October 1913.

[Signature]

	CRANK SHAFT.	STRAIGHT SHAFTING.	
		INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	annealed Siemens-Martin-Ingots steel	/	/
How made ...	forged		
Dimensions ...	13 1/4" diam. 14" diam.		
Progress on { Inspection }	rough turned		
Tests on Standard Test Pieces.	diameter .798"		
Tensile Test—	No. 417.		
Tons per square inch ...	29.7		
Extension per cent ...	28.8	/	/
Cold Bending Test—	180 degr. 10/10.13. 180 degr. good.		
Angle before fracture ...	23, 30/9, 10/10.13. 30/9, 7, 10/10.13.		
Dates when Inspected	23, 30/9, 10/10.13. 30/9, 7, 10/10.13.	/	/

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.

