

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 14845 Port s/s 'Magdala')



Order 16735.

No. 17762

ENGINE FORGINGS OR CASTINGS

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

I have to report that the ~~xxxxxx~~ Steel Forgings ~~or Castings~~ as herein described, manufactured by Gutehoffnungshütte, Aktienverein of Oberhausen for the Engines No. 2307 being constructed by 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.

	CRANK SHAFT.		STRAIGHT SHAFTING.	
		<u>pins</u> XXXXXXXXXXXX	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>annealed Siemens-Martin-Ingotstaël</u>			
How made ...	<u>forged</u>			
Dimensions ...	<u>1 3/4" diam.</u>	<u>1 1/2" diam.</u>		
Progress on Inspection }	<u>rough turned</u>			
Tests on Standard Test Pieces.	<u>diameter .798"</u>			
Tensile Test—	<u>No. 417.</u>	<u>No. 418.</u>		
Tons per square inch ...	<u>29.7</u>	<u>30.9</u>		
Extension per cent ...	<u>28.9</u>	<u>31.5</u>		
Cold Bending Test—	<u>180 degr. good.</u>			
Angle before fracture ...	<u>23, 30/9, 10/10.13.</u>	<u>30/9, 7, 10/10.13.</u>		
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at Düsseldorf.



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Foundation

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