



Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____ Port 123)

Order 60685/60289

No. 16476 ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Iron~~ Steel Forgings ~~and Castings~~, as herein described, manufactured by Messrs. Haniel & Lueg of Düsseldorf-Grafenberg for the Engines No. 772 being constructed by Messrs. Dickinson & Sons, Ltd. of Sunderland for the Ship No. 501, being built by Messrs. Thomsen & Sons, Ltd. of Sunderland 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

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

Mark on Forgings or Castings.

Lloyd's
No. 7617
J.M.3.13.

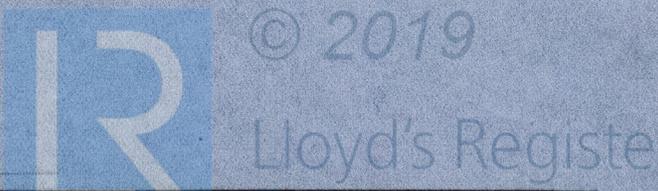
Düsseldorf 18th. March 1913.

Johannes Meyer

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...			<u>annealed Siemens Martin Ingotsteel</u>	
How made ...			<u>forged</u>	
Dimensions ...			<u>13 1/2" diam.</u>	
Progress on } Inspection }			<u>rough turned</u>	
Tests on Standard Test Pieces.			<u>diameter .798"</u>	
Tensile Test— Tons per square inch			<u>30.1</u>	
Extension per cent			<u>29.-</u>	
Cold Bending Test— Angle before fracture			<u>180 degr. good.</u>	
Dates when Inspected			<u>12th. & 17th. March 1913.</u>	

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.