



Art. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office _____

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____ Port _____)

Order 59877.

No. 15762. **ENGINE FORGINGS OR CASTINGS.**

I have to report that the ~~Iron~~ **Steel Forgings or Castings**, as herein described, manufactured by **Messrs. Haniel & Lueg** of **Düsseldorf-Grafenberg** for the Engines No **2097** being constructed by **Messrs. North Eastern Marine Eng. Co** of **Sunderland** 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

Mark on Forgings or Castings.

Lloyd's
No. **2224**
M.B.11.12.

Düsseldorf 19th. November 1912.

M. Heig.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/	/	annealed Siemens Martin acid steel	/
How made ...	/	/	forged	/
Dimensions ...	/	/	12 3/8" diam.	/
Progress on { Inspection }	/	/	rough turned diameter .798"	/
Tests on Standard Test Pieces.	/	/		/
Tensile Test— Tons per square inch	/	/	28.9	/
Extension per cent	/	/	33.2	/
Cold Bending Test— Angle before fracture	/	/	180 degr. good.	/
Dates when Inspected	/	/	8/10 & 15/11.1912.	/

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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



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Lloyd's Register

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