

Expt. 7.

For the information of Surveyors and the Committee only.

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

K. Lloyd's Register of British & Foreign Shipping.

Order 56193. (Report on Machinery, No. Port)

No. *13744* ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Iron or Steel~~ *Steel* Forgings ~~or Castings~~, as herein described, manufactured by *Messrs. Haniel & Lueg* of *Düsseldorf* for the Engines No. *464* being constructed by *Messrs. Joh. C. Tecklenborg A.G.* of *Geestemünde* for the Ship No. *249*, being built by the same firm 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 Propeller shaft.

Mark on Forgings.

Düsseldorf 28th December 1911.

Lloyd's
No. *3464*.
H.K. *12.11*.

Hans Kallow

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*				Annealed S.M.I.St.
How made				forged
Dimensions				16 1/8" diam.
Progress on Inspection				rough turned & finished
Dates when Inspected				2. & 16. 10. 1911. 22. 12. 1911.

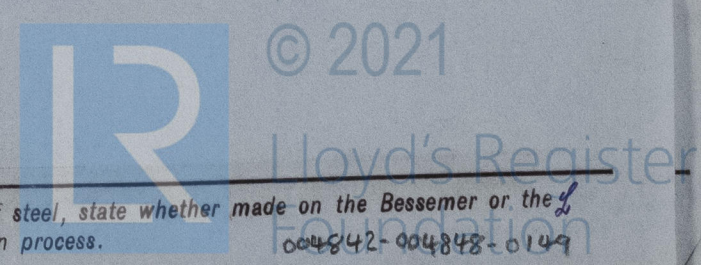
PARTICULARS OF TESTS APPLIED TO CASTINGS:—

Tensile strength 30,4 Tons per square inch 31,3% Elongation in 3" diameter of sample .798"

Bend test good.

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 Bessemer or the Siemens-Martin process.



During progress of *1912. April 10, 30. May 10. 24*