

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office \_\_\_\_\_ 19



# Lloyd's Register of British & Foreign Shipping.

Order 56193.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

## No. 13786. 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. 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.

Lloyd's  
No. 3478.  
H.K.1.12.

Düsseldorf, 8th January 1912.

*Hans Kollow.*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material				Annealed Siemens Martin ingotsteel
How made				forged
Dimensions				16 1/8" diam.
Progress on inspection				rough turned & finished
Dates when inspected				29/9.16/10.1911. 5/1.1912.

### PARTICULARS OF TESTS APPLIED TO CASTINGS:-

tensile strength 29,9 tons per square inch 31,3 % elongation in 3"

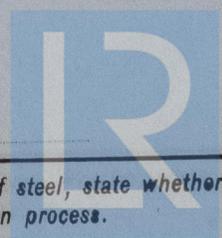
Diameter of sample .798"

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.



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