

Lloyd's Register of Shipping.

Order: 92479.

(Report on Machinery, No. _____)

Port _____

No. _____ ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings ~~or castings~~ as herein described, manufactured by **Messrs. Gutehoffnungshütte A.G., Abt. Düsseldorf** of **Düsseldorf** for the Engines No. _____ being constructed by **Messrs. Christof Ruthof** of **Mainz-Kastel** for the Ship No. **35** being built by **Messrs. Clelands (Successors) Ltd.** of **Newcastle-on-Tyne** have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to **Mainz-Kastel.**

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

Mark on Forgings or Castings.

Lloyd's
No. **181.**
H.R. 15.5.36.

Düsseldorf 8th June 1936.



	CASTINGS 1 thrust shaft	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	CASTINGS			SCREW SHAFT.
Material* ...	Siem. Mart. Ingot Steel			
How made ...	forged			
If Annealed...	heat treated			
Dimensions } Forgings	140 mm diam.			
Weight }				
Weight, Castings ...				
Progress on Inspection	rough turned and finished			
Tests on Standard Test Pieces.	.788 3"			
Tensile Test—				
Tons per square inch ...	39,2			
Extension per cent ...	28,6			
Cold Bending Test—				
Angle before fracture ...	180 degr. good			
Dates when Inspected	15.5.36.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The material has been ordered to special requirements.—

Fee (if any chargeable)

To be paid at **Düsseldorf.**

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

