

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____)

Order: 29052.

No. 37371 ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Klöckner Werke A.G., of Osnabrück, for the Engines No. _____ being constructed by Messrs. Humboldt-Deutzmotoren A.G., of Köln-Deutz, for the Ship No. R V 8 M 345 being built by Messrs. Clelands (Successors) Ltd. of Newcastle-on-Tyne vessel No. 35 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 Köln-Deutz.

Mark on Forgings or Castings.

Lloyd's

No. 16322.

K.H. 14.5.38.

Düsseldorf 16th May 1938.

	CRANK SHAFT	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.	SCREW SHAFT.
	1 six throw solid crank shaft				
Material* ...	Siem. Mart. Ingot Steel				
How made ...	forged				
If Annealed...	heat treated				
Dimensions } Forgings	190 mm diam.				
Weight	Draw. No. 212481.				
Weight, Castings ...					
Progress on Inspection	rough turned and finished				
Tests on Standard Test Pieces. Y.P.	.788 3"				
Tensile Test—	22,2				
Tons per square inch	35,9				
Extension per cent	28,0				
Cold Bending Test—	180 degr. good				
Angle before fracture	14.5.46.				
Dates when Inspected					

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.