

Lloyd's Register of Shipping.

Order: 5680.

(Report on Machinery, No. 22443 Port Hamburg)

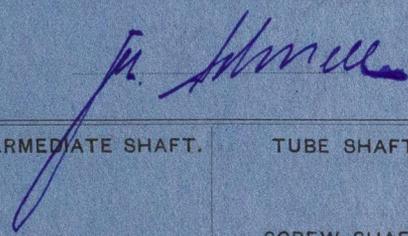
No. 3244 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~and castings~~, as herein described, manufactured by Messrs. Dortmund-Hoerder-Hüttenverein A.G., of Dortmund for the Engines No. _____ being constructed by Messrs. Howaldtswerke A.G., of Kiel 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. These have been despatched to Kiel-

Düsseldorf 21st September 1936.

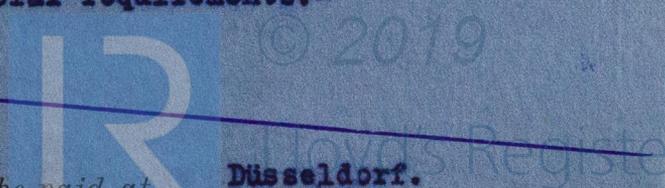
Lloyd's
No. 3244
P.S. 15.9.36.



	XXXXXXXXXX 1 single throw solid crank shaft XXXXXXXXXX	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.	SCREW SHAFT.
Material* ...	<u>Siem. Mart. Ingot Steel</u>				
How made ...	<u>forged</u>				
Annealed...	<u>heat treated</u>				
Dimensions } Weight } Forgings					
Weight, Castings ...					
Progress on Inspection	<u>rough turned</u>				
Tests on Standard Test Pieces. <u>1930</u>	<u>14,9mm 10rd</u>				
Tensile Test—	<u>19,0</u>				
Tons per square inch ...	<u>32,8</u>				
Extension per cent ...	<u>24,0</u>				
Cold Bending Test—	<u>190 degr. good</u>				
Angle before fracture ...					
Dates when Inspected	<u>15.9.36.</u>				

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.