

For the information of Surveyors and the Committee only.

Received at

Office, 9 OCT 1933 19

Lloyd's Register of Shipping.

Order: 640306. (Report on Machinery, No. 20926. Port Hamburg)

No. 33685 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~castings~~ as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. stock being constructed by Messrs. Deutsche Werft of Hamburg for the Ship No. 149, 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 Hamburg.

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

Mark on Forgings or Castings.

Lloyd's
No. 14786.
K.H. 31.10.32.

Düsseldorf 3rd November 1932.

Harb. Hauß

	CASTINGS	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.	SCREW SHAFT.
	XXXXXXXXXX 1 two throw solid crank shaft XXXXXXXXXXXX				
Material* <u>Annealed Siem. Mart. Ingot Steel</u>				
How made <u>forged</u>				
If Annealed <u>Yes</u>				
Dimensions, Forgings	<u>180 mm Ø</u>				
Weight, Castings					
Progress on Inspection }	... <u>rough turned & finished</u>				
Tests on Standard Test Pieces.	<u>.798 3"</u>				
Tensile Test—					
Tons per square inch	<u>30,5</u>				
Extension per cent	<u>33,3</u>				
Cold Bending Test—					
Angle before fracture	<u>180 degr. good</u>				
Dates when Inspected	<u>31.10.32.</u>				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.

