

Lloyd's Register of Shipping.

Order: 640181. (Report on Machinery, 20926. Port Hamburg.)

No. 33414 ENGINE FORGINGS OR CASTINGS.

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

Mark on Forgings or Castings.

Düsseldorf 9th April 1932.

Lloyd's

No. 9595/9596.

M.B.8.4.32.

	THRU SHAFT	THRU SHAFT	INTERMEDIATE SHAFT.	TUBE SHAFT.
	1 thrust shaft	1 thrust shaft		
	THRU SHAFT	THRU SHAFT		SCREW SHAFT.
	9595	9596		
Material* ...	Annealed Stem. Mart. Ing. Steel			
How made ...	forged	forged		
Is Annealed ...	Yes	Yes		
Dimensions, Forgings	450 mm Ø	450 mm		
Weight, Castings				
Progress on { Inspection }	rough turned	rough turned		
Tests on Standard Test Pieces.	.798 3"	.798 3"		
Tensile Test—	32,0 30,4	31,1 29,5		
Tons per square inch				
Extension per cent	30,7 33,3	32,0 32,0		
Cold Bending Test—	180 degr. good	180 degr. good		
Angle before fracture				
Dates when Inspected	8.4.32.	8.4.32.		

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.