

# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

## No. 1665 ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings~~ Castings, as herein described, manufactured by Messrs. Nordische Stahlwerke Bach & Co. of Neumünster for the Engines No. \_\_\_\_\_ being constructed by Messrs. Howaldtswerke A.G. of Kiel for the Ship No. 756, being built by Messrs. Howaldtswerke A.G. of Kiel 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.

Mark on Forgings or Castings.

Hamburg, 11th March, 1937.

Lloyd's  
No. 6451/4/7  
P.K. 26.2.37.

*J. A. W. Schmitt*

	<del>XXXXXXXXXX</del> 6451	<del>XXXXXXXXXX</del> 6454	<del>XXXXXXXXXX</del> 6457	<del>XXXXXXXXXX</del>
Material* ...	O.H. steel	O.H. steel	O.H. steel	
How made ...	cast	cast	cast	
If Annealed...	yes	yes	yes	
Dimensions } Weight } Forgings				
Weight, Castings ...	265 kgs	461 kgs	136 kgs	
Progress on Inspection ( ...	unmachined	unmachined	unmachined	
Tests on Standard Test Pieces.	3" .798"	3" .798"	3" .798"	
Tensile Test— <del>XXXXXXXXXX</del> Tons per square inch	45.8 kg/mm <sup>2</sup>	48.9 kg/mm <sup>2</sup>	43.9 kg/mm <sup>2</sup>	
Extension per cent	30.6	24.-	30.6	
Cold Bending Test— Angle before fracture	120 degr, good.	120 degr, good.	120 gegd, good.	
Dates when Inspected	26.2.37.	26.2.37.	26.2.37.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop and hammering tests good.

Fee (if any chargeable)

To be paid at Hamburg

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