

# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

## No. 1738 ENGINE ~~FORGINGS OR CASTINGS~~ CASTINGS.

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

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs. Nordische Stahlwerke Badh & Co. of Neuminster 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.

Lloyd's  
No. 6655  
P.K. 14.6.37.

Hamburg, 30th June, 1937.

*J.A. McPhillips*

	<del>CRANK SHAFT</del>	<del>CRANK SHAFT</del>	<del>INTERMEDIATE SHAFT</del>	<del>TREE SHAFT</del>
	8 branch pieces 1 valve casing 13 casings <del>CRANK SHAFT</del>			<del>SCREW SHAFT</del>
Material* ...	O.H. steel			
How made ...	cast			
If Annealed...	yes			
Dimensions } Weight } Forgings				
Weight, Castings ...	522 kgs			
Progress on } Inspection }	unmachined			
Tests on Standard Test Pieces.	3" .798"			
Tensile Test— <del>Temperature</del>	44.6 kg/mm <sup>2</sup>			
Extension per cent	25.3			
Cold Bending Test— Angle before fracture	120 degr. good.			
Dates when Inspected	14.6.37.			

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.