

AUG 9 1937

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# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

## No. 1567 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, 23rd November, 1936.

Lloyd's  
No. 6140  
P.K. 11.11.36. 6138 6140

*J. A. Krüger*

	<del>FORGINGS</del>	<del>CASTINGS</del>	<del>INTERMEDIATE</del>	<del>ROBUST</del>
	<del>2 valve casings</del>	<del>1 valve casing</del>		<del>ROBUST</del>
	<del>8 boiler fastenings</del>	<del>eyes</del>		<del>ROBUST</del>
Material* ...	<u>O.H. steel</u>	<u>O.H. steel</u>		
How made ...	<u>cast</u>	<u>cast</u>		
Annealed ...	<u>yes</u>	<u>yes</u>		
Dimensions, Forgings				
Weight, Castings ...	<u>481 kgs</u>	<u>26 kgs</u>		
Progress on } Inspection }	<u>unmachined</u>	<u>unmachined</u>		
Tests on Standard Test Pieces.	<u>3" .798"</u>	<u>3" .798"</u>		
Tensile Test—	<u>45.8 kh/mm<sup>2</sup></u>	<u>48.8 kg/mm<sup>2</sup></u>		
Extension per cent	<u>30.6</u>	<u>24.-</u>		
Cold Bending Test— Angle before fracture	<u>120 degr. good.</u>	<u>120 degr. good.</u>		
Dates when Inspected	<u>11.11.36.</u>	<u>11.11.36.</u>		

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.

