

AUG 9 1937

Received at

Office,

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## Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)No. 1734 ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings~~ Castings, as herein described, manufactured by Messrs. Nordische Stahlwerke Bach & 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. 6661  
P.K.18.6.37.

Hamburg, 30th June, 1937.



	<del>CRANK SHAFT</del>	<del>THRUST SHAFT</del>	<del>INTERMEDIATE SHAFT</del>	<del>TURBINE SHAFT</del>
	3 spindle guides 3 valve covers 12 branch pieces <del>WHEEL SHAFT</del>			<del>STEAM ENGINE</del>
Material* ...	O.H. steel			
How made ...	cast			
If Annealed...	yes			
Dimensions {				
Weight { Forgings	393 <del>393</del> kgs			
Weight, Castings ...				
Progress on {				
Inspection {	unmachined			
Tests on Standard Test Pieces.	3" .798"			
Tensile Test—	49.5 kg/mm <sup>2</sup>			
<del>Drop and hammering tests</del>				
Extension per cent ...	25.3			
Cold Bending Test—				
Angle before fracture ...	120 degrees good.			
Dates when Inspected	18.6.37.			

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.