

# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

## No. 1714. 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        of        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~~ Castings.

Hamburg, 12th May, 1937.

Lloyd's  
No. 6593.  
H.R. 7.5.37. H.R.

H. Röhrs

	CRANK <del>PISTON</del>	<del>VALVE</del>	IN <del>VALVE</del>	<del>VALVE</del>
	2 bulkhead elbow pieces 1 bulkhead branch piece.			
Material*	O.-H.-Steel			
How made	cast			
If Annealed...	yes			
Dimensions	to pattern			
Weight	-			
Weight, Castings	abt 46 kgs			
Progress on Inspection	unmachined			
Tests on Standard Test Pieces.	3" .788"			
Tensile Test— Tons per square inch	48.1 kgs/mm <sup>2</sup>			
Extension per cent	28 %			
Cold Bending Test— Angle before fracture	120 degrees, good.			
Dates when Inspected	7.5.37.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

10 feet 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.

8210-12M