

AUG 3 1937

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

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

## No. 1724. 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 \_\_\_\_\_ 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.

Lloyd's  
No. 6613.  
H.R.21.5.37.

Hamburg 29th May, 1937.

H. Röhrs

	<del>XXXXXXXXXX</del> 5 Branch pieces 1 Elbow piece <del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del> 1 valve cover 7 Straight-way valves <del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del> <del>XXXXXXXXXX</del>
Material* ...	O.-H.-Steel		
How made ...	cast		
If Annealed...	yes		
Dimensions } Weight } Forgings	to pattern -		
Weight, Castings ...	Total weight abt. 291 kgs.		
Progress on Inspection {	unmachined.		
Tests on Standard Test Pieces.	.788" 3"		
Tensile Test— Tons per square inch ...	43.9 kgs/mm <sup>2</sup>		
Extension per cent ...	26.6 %		
Cold Bending Test— Angle before fracture ...	120 degrees, good.		
Dates when Inspected			

### PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

10 feet drop- and hammering test , 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.