

For the information of Surveyors and the Committee only.

Received at

Office,

9 OCT 1933

## Lloyd's Register of Shipping.

(Report on Machinery, No. 40926. Port Hamburg.)No. 834

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or~~ 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. 149, being built by Messrs. Deutsche Werft A.G. of Hamburg 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 Hamburg.

Mark on Forgings or Castings.

Lloyd's

No. 1 to 16

P.K.19.1.33.

Hamburg, 25th January, 1933.

P.A. Wright

	CRANK SHAFT Steel castings intended for the construction of safety valves.	THRUST SHAFT INTERMEDIATE SHAFT	RUDDER SHAFT SCREW SHAFT.
Material* ...	O.H. steel		
How made ...	cast		
If Annealed...	yes		
Dimensions, Forgings			
Weight, Castings ...	251.5 kgs.		
Progress on } Inspection }	unmachined		
Tests on Standard Test Pieces.	3" .798"		
Tensile Test— <del>Tensile Test—</del>	46.2 kg/mm <sup>2</sup>		
Extension per cent ...	32.-%		
Cold Bending Test— Angle before fracture	120 degr. good		
Dates when Inspected	19/1/33		

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

## Particulars of parts:—

2 pipe connections marked Nos. 1 & 2  
 2 valve casings " " 3 " 4  
 8 support washers of valve springs, marked Nos. 5 to 12  
 4 levers of easing gear " " 13 " 16.  
 Drop and hammering tests as per Rules satisfactory.

Fee (if any chargeable) £

To be paid at

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.