

## Lloyd's Register of Shipping.

(Report on Machinery, No. 20926. Port Hamburg.)

## No. 814 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 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.

Hamburg, 19th March, 1932.

Lloyd's  
No. 1324-29  
P.K. 18.3.32.

*J. A. Smith*

	CRANK SHAFT.	THRUST SHAFT	INTERMEDIATE SHAFT	TUBE SHAFT
	2 stern tube nuts Nos. 1328/9 4 coupling halves Nos. 1324/5/6/7			SCREW SHAFT.
Material* ...	O.H. Steel			
How made ...	Cast			
If Annealed ...	yes			
Dimensions, Forgings				
Weight, Castings ...	5010 kgs.			
Progress on { Inspection }	unmachined			
Tests on Standard Test Pieces.	3" .798"			
Tensile Test— Tons per square inch	44.9 44.9 kg/mm <sup>2</sup>			
Extension per cent	34.6 % 21.-%			
Cold Bending Test— Angle before fracture	120 degr. good.			
Dates when Inspected	18.3.32.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop and hammering tests as per Rules satisfactory.

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.