

# Lloyd's Register of Shipping.

(Report on Machinery, No. 22443 Port Hamburg)

## No. 1696 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 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. 6561

P.K.13.4.37.

Hamburg, 17th April, 1937.

*J.A. Smith*

	CRANK SHAFT	DECK SHAFT	ROCKERSHAFT	TURK SHAFT
	Parts as specified below			
	SCREW SHAFT			SCREW SHAFT
Material* ...	O.H. steel			
How made ...	cast			
If Annealed...	yes			
Dimensions } Forgings				
Weight }				
Weight, Castings ...	321.5 kgs			
Progress on Inspection	unmachined			
Tests on Standard Test Pieces.	3" .798"			
Tensile Test—	49.- kg/mm <sup>2</sup>			
Extension per cent	30.6			
Cold Bending Test—	120 degr, good.			
Angle before fracture				
Dates when Inspected	13.4.37.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

### Specification:—

- 4 bottom end brasses
- 7 covers
- 3 casings
- 1 distribution box
- 2 bends
- 1 spindle guide

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.