

For the information of Surveyors and the Committee only.

Received at Malmö Office, 26/2 1923

# Lloyd's Register of Shipping.

Order: 244.  
Boat: 1420.  
Horn: 445.

(Report on Machinery, No. 597 Port Malmö.)

## No. 1250 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the <sup>Iron</sup>~~Iron or Steel~~ Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Borsigwerk A.G. of Borsigwerk for the Engines No.          being constructed by Messrs. Kockums P. W. A.B. of Malmö for the Ship No. 142, being built by          of 143

have been inspected by me as set forth below, and found to be, so far as can be seen, 1 thrust shaft, 4 intermediate shafts, 1 propeller shaft, sound and free from defects.

on Forgings or Castings.

Lloyd's  
No. 1250  
H.K. 21.2.23

H.K.  
6080.  
-6085.

**VIENNA** 23rd February 1923.

Hans Kolbow.

	CRANK SHAFT.		STRAIGHT SHAFTING.		
	<u>2 Intermediate shafts</u>		<u>1 THRUST SHAFT.</u>	<u>2 INTERMEDIATE SHAFTS.</u>	<u>1 PROPELLER SHAFT.</u>
Material	<u>Annealed Siemens Martin Engine Steel.</u>				
Material made	<u>forged</u>				
Dimensions	<u>9 5/16" φ</u>				
Process on inspection	<u>rough turned</u>				
Tests on Standard Test Pieces.	<u>798 3°</u>				
Stress Test—	<u>No 6081. 6082.</u>				
Tension per square inch	<u>31.4 31.1</u>				
Extension per cent	<u>31.6 31.8</u>				
1 Bending Test—	<u>31.6</u>				
Angle before fracture	<u>32.2 30.3</u>				
Tests when Inspected	<u>180degr. good</u>				
	<u>21.2.23</u>				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

6085-340  
6080-345  
6082-341  
6083-342  
6081-343  
6084-344

Fee (if any chargeable) £  
To be paid at **VIENNA**

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

For finished shafting please see Malmö forging report No. 115.

W 441-0092