

Rpt. 7.

For the information of Surveyors and the Committee only.

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

## Lloyd's Register of Shipping.

(Report on Machinery, No. 974, Port Stettin, \_\_\_\_\_)

No. 178. ENGINE FORGINGS ~~OR CASTINGS.~~

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. A. Borsig G.m.b.H. of Berlin-Tegel, for the Engines No. 7970 being constructed by Messrs. A. Borsig G.m.b.H. of Berlin-Tegel for the Ship No. 302, being built by Messrs. Lübecker Maschinenbau Gesellschaft of Lübeck 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 Lübeck: One built four throw crank shaft (in 2 parts), One thrust shaft. --- --

Mark on Forgings ~~or Castings.~~

Lloyd's

No. 944-946.

N.S. 20.5.30.

Stettin, 12th June 1930.

*M. G. G. G.*

	CRANK SHAFT.	THRUST SHAFT.	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	S.M. Ingot Steel	S.M. Ingot Steel.		
How made ...	Forged.	Forged.		
If Annealed ...	Yes.	Yes.		
Dimensions, Forgings	285 mm. dia.	285 mm. dia.		
Weight, Castings	Nos. 944/45.	No. 946.		
Progress on Inspection }	In rough & finished condition.			
Tests on Standard Test Pieces.	.798" 3.-"	.798" 3.-"		
<del>Tens-per square-inch</del>	44.3 - 49.3 kgs.	49.3 kgs/sqmm.		
Extension per cent	38.-% 30.-%	33.-%		
Cold Bending Test— Angle before fracture	All 180 degrees, good.			
Dates when Inspected	20.2; 26.2; 5.3;	15.3; 20.3;	25.3; 2.4;	8.4; 23.4; 20.5; 3.6.30.

PARTICULARS OF ~~OTHER TESTS APPLIED TO CASTINGS.~~

Journals: 44.3 - 46.2 kgs/sqmm, elong. 38. - - 34.5%  
 Pins ..... 44.6 - 46.5 " " , " 37.5 - 36.-%  
 Webs .... 44.6 - 49.3 " " , " 33.5 - 30.5%

Fee (if any chargeable) £

To be paid at Stettin.

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

10m.1.30.