

Lloyd's Register of Shipping.

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

No. 182. 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: 6 main bearing covers, 2 eccentrics, 10/2 bottom end brasses, 20/2 top end brasses, 4 guide shoes.-----

Mark on Forgings or Castings.

Lloyd's

No. Marked "AS".

Stettin, 23rd June 1930.

M. Scholle

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	6 main bearing covers.	2 eccentrics, 4 guide shoes.	10/2 bottom end brasses.	20/2 top end brasses.
	FLYWHEEL SHAFT.			COREW SHAFT.
Material	Siemens-Martin Steel.			
How made	Cast.	Cast.	Cast.	Cast.
Annealed	Yes.	Yes.	Yes.	Yes.
Dimensions, Forgings	-----	-----	-----	-----
Dimensions, Castings	-----	-----	-----	-----
Progress on Inspection	Rough and finished.			
Tests on Standard Test Pieces.	.798" 3.-"			
Tensile per square inch	46.5 kgs/sqmm.	46.5 & 48.4	45.8 kgs/sqmm.	46.5 kgs/sqmm.
Extension per cent	36.-%	34.- & 35.5%	36.-%	34.5%
Old Bending Test—	All 180 degrees, satisfactory.			
Angle before fracture				
Dates when Inspected	8.1; 15.1; 24.1; 29.1; 13.2; 5.3; 9.4; 23.4; 7.5; 13.5; 16.6.30.			

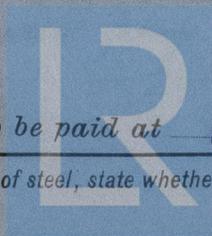
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop- and Hammering tests satisfactory.

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.



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