

Received at

Office,

to

Lloyd's Register of Shipping.

(Report on Machinery, No. 628

Port Augsburg

No. 199

ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~as described~~, as herein described, manufactured by Messrs. Maschinenfabrik Augsburg-Nürnberg A.G. of Augsburg for the Engine No. 320100 being constructed by Messrs. M.A.N. of Augsburg for the Ship ~~no.~~ GRESHAM ex MARGRETIAN, owned by Messrs. Stewart & Esplen of London 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 London on completion of the engine.

Mark on Forgings or Castings.

~~Marked~~

Augsburg, 22nd February, 1929.

No. 1 to 6 and 7 to 14.

	CRANKSHAFT	TESTING SHAFT	INTERMEDIATE SHAFT	POLE SHAFT
	Bottom end bolts of connecting rods.			
	FORGINGS			POLE SHAFT
Material* ...	Nos. 1 to 6	Nos. 7 to 14.		
	Siemens Martin steel.			
How made ...	forged and heat treated			
Annealed...	yes	yes		
Dimensions, Forgings	Ø 85 mm	Ø 85 mm		
Weight, Castings ...				
Progress on { Inspection }	Rough turned and finished			
Tests on Standard Test Pieces.	.564" 2"	.564" 2"		
Tensile Test— Tons per square inch	69.- kg/mm ²	68.7 kg/mm ²		
Extension per cent	30.- %	31.- %		
Cold Bending Test— Angle before fracture	180 degr. good	180 degr. good		
Dates when Inspected	22.2.29.	22.2.29.		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The material has been ordered to special requirements.

Fee (if any chargeable) £

To be paid at Bremen.

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