

Rpt. 7.

For the information of Surveyors and the Committee only.

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

# Lloyd's Register of Shipping.

Order: 362463. (Report on Machinery, No. 8324 Port Gothenburg)

No. 31420 ENGINE FORGINGS <sup>and</sup> OR CASTINGS.

I have to report that the Forgings <sup>&</sup> Castings, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. 1947 ~~1948~~ being constructed by Messrs. A.B. Götaverken of Gothenburg for the Ship No. 443, being built by Messrs. A.B. Götaverken of Göteborg

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 Göteborg.

Düsseldorf 15th July 1930.

*Jr. Schmitt*

Lloyd's  
No. 629  
F.S. 10.7.30.

1 four throw built up crank shaft

	CRANKSHAFT 2 webs		TRANSMISSION 2 crank throws		CONE 1 crank throw		TUBES 2 journals 1 pin 3 pins	
Material* ...	Annealed Siemens Martin Steel							
How made ...	cast		forged		forged		forged	
Annealed ...	Yes		Yes		Yes		Yes	
Dimensions, Forgings	350 mm ø		350 mm ø		350 mm ø		350 mm ø	
Weight, Castings								
Progress on Inspection	rough turned and finished							
Tests on Standard Test Pieces.	.798	3"	.798	3"	.798	3"	.798	3"
Tensile Test— Tons per square inch	29,0	31,5	30,3		29,5		28,8 30,7 30,9	29,5
Extension per cent	31,3	27,3	33,3		34,6		33,3 30,6 29,3	32,0
Old Bending Test— Angle before fracture	180 degr. good		180 degr. good		180 degr. good		180 degr. good	
Dates when Inspected	10.7.30		10.7.30.		10.7.30.		10.7.30.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ \_\_\_\_\_ To be paid at Düsseldorf.

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

W1123-0258

W1123-0263

Lloyd's Register  
Foundation  
receiver *Ye*  
thickness

diameter 450  
358  
197  
377-39.3 kg/cm<sup>2</sup> Working pressure  
Actual

Seamless, lap welded or riveted longitudinal joint Seamless Material St. Steel Range of tensile strength 377-39.3 kg/cm<sup>2</sup> Working pressure Actual