

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

Göteborg

No. 31420.

ENGINE FORGINGS ^{and} OR CASTINGS.

I have to report that the Forgings [&] Castings, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade

for the Engines No. 1947 being constructed by Messrs. A.B. Götaverken of Göteborg 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.

Mark on Forgings or Castings.

Lloyd's

No. 629.

F.S. 10.7.30.

Düsseldorf 15th July 1930.

1 four throw built up crank shaft

	CRANKSHAFT 2 webs	CRANK THROWS 2 crank throws	CRANK THROWS 1 crank throw	CRANK THROWS 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
Weight, Castings				
Progress on Inspection	rough turned and finished		rough turned and finished	
Tests on Standard Test Pieces.	.798	3"	.798	3"
Tensile Test—	29,0	31,5	30,3	29,5
Tons per square inch	31,3	27,3	33,3	33,3
Extension per cent	120	degr. good	180	degr. good
Old Bending Test—	120	degr. good	180	degr. good
Angle before fracture	10.7.3.0	10.7.30.	10.7.30.	10.7.30.
Dates when Inspected				

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.

Om, 1.30.

W1123-0258

W1123-0263

Lloyd's Register of Shipping

diameter 358

377-39.3 kg/cm²

Working pressure

Actual

Seamless, lap welded or riveted longitudinal joint

Seamless

Material A. Steel

Range of tensile strength

10.7.30. 10.7.30.

thickness