

Yard No. 443 When

*For the information of Surveyors and the Committee only.*

Office.

der: 362463.

(Report on Machinery, No.

Port

No. 31421.

## ENGINE FORGINGS AND CASTINGS.

for the Engines No. <sup>947</sup>~~948~~ being constructed by Messrs W. 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.

2 Forgings or Castings.

Düsseldorf 15th July 1930.

Lloyd's

No. 630/631.

F.S. 10.7.30.

1 four throw built up crank shaft with 1 pump shaft

	2 webs	2 crank throws	1 crank throw	2 journals
Material	cast	forged	forged	forged
Heat Treatment	Yes	Yes	Yes	Yes
Dimensions, Forgings		350 mm Ø	350 mm Ø	350 mm Ø
Material, Castings				
Surface Finish	rough turned and finished	rough turned and finished	rough turned and finished	rough turned and finished
Weight on Standard Test Pieces	.798 3"	.798 3"	.798 3"	.798 3"
Tensile Test— lb per square inch	29,9 30,3	30,3	29,9 30,3	28,8 30,7
Elongation per cent	33,8 29,9	33,3	32,0 32,0	33,3 30,6
Bending Test— lb before fracture	180 degr. good	180 degr. good	180 degr. good	180 degr. good
When Inspected	10.7.30.	10.7.30.	10.7.30.	10.7.30.

### PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

As	.798 3" 29,5 Tons p.sq.inch.	32,0% elongation.
mp shaft	.798 3" 30,3 " " " "	29,3% "

631. 250 mm Ø

(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.

W1123-0250

430 221  
300 111

W1123-0263

diameter

450 ~~in~~  
358 " V

1974  
372 303 K. 6

Working pressure

Seamless, lap welded or riveted longitudinal joint. <sup>3 cup welded</sup> ~~3 seam less~~ Material *M. Steel*

*Range of tensile strength*

Working pressure