

st. 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. 31481 ENGINE FORGINGS 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. <sup>1947</sup>~~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.

m Forgings or Castings.

Düsseldorf 26th July 1930.

Lloyd's

No. 710/711.

F.S. 23.7.30.

1 four throw built up crank shaft with pump shaft.

	CRANK SHAFT		CRANK SHAFT		INTERMEDIATE SHAFT		PUMP SHAFT	
	2 webs		1 crank throw		2 crank throws		1 journal	1 journal
	FLANGE END SHAFT						SHEAVE END SHAFT	
Material	Annealed		Siemens		Martin		Steel	
Made	cast		forged		forged		forged	
Heat treated	Yes		Yes		Yes		Yes	
Dimensions, Forgings			350 mm Ø		350 mm Ø		350 mm Ø	
Castings								
Process on inspection	rough turned and finished		rough turned and finished		rough turned and finished		rough turned and finished	
on Standard test Pieces.	.798	3"	.798	3"	.798	3"	.798	3"
Test—	30.3	30.3	29.5		30.3		31.9	28.8
per square inch	29.9	28.6	34.6		33.3		29.8	33.3
Elongation per cent	120 degr. good		180 degr. good		180 degr. good		180 degr. good	
before fracture								
When Inspected	23.7.30.		23.7.30.		23.7.30.		23.7.30.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

ins	.798	3"	28.7	Tons p.sq.inch.	34.6%	elongation	
"	.798	3"	30.9	"	"	29.3%	"
pump shaft	.798	3"	30.3	"	"	29.3%	711. 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.

W1123-0256

W1123-0263

Lloyd's Register  
Foundry  
diameter 450 mm  
377-39.3 kg/cm<sup>2</sup>  
Working pressure

Seamless, lap welded or riveted longitudinal joint. Material Steel Range of tensile strength 1800-1850 kg/cm<sup>2</sup> thickness 18 mm