

JUN 11 1937

Received at

Office,

19

Lloyd's Register of Shipping.

Order: 58966.

(Report on Machinery, No. 14870

Port

Genoa

No. 36937

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~and castings~~, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. 11,646 being constructed by Messrs. Fiat Stabilimento di Motori for the Ship ~~XX Cellina~~ being built by of Tarino of "FELLA"

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 Turino.

on Forgings or Castings.

Lloyd's -Reg.Ital.

No. 10418.

J.L.3.2.36.

Düsseldorf 12th February 1936.

C. Hagen

1 six throw semi built up crank shaft with daniel pins 450 diam.

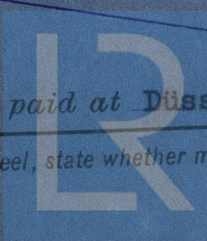
| | CRANK SHAFT | THRUST SHAFT | INTERMEDIATE SHAFT | THRU SHAFT |
|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | 4 crank throws | 2 crank throws | 2 journals | 2 pins 3 pins |
| | FLYWHEEL SHAFT | | | SCREW SHAFT |
| Material | Siemens | Martin | Ingot | Steel |
| How made | forged | forged | forged | forged |
| Heat Treated | Yes | Yes | Yes | Yes |
| Dimensions, Forgings | | | | |
| Weld Point | 15,2 15,0 | 16,6 | 16,4 15,2 | 16,6 14,7 |
| Progress on Inspection | rough turned and finished | rough turned and finished | rough turned and finished | rough turned and finished |
| Tests on Standard Test Pieces. | .788 3" | .788 3" | .788 3" | .788 3" |
| Tensile Test— | 28,7 28,5 | 30,5 | 28,5 28,7 | 28,7 28,1 |
| Tens per square inch | 33,3 33,3 | 32,6 | 32,0 29,3 | 32,2 32,2 |
| Extension per cent | 180 degr. good | 180 degr. good | 180 degr. good | 180 degr. good |
| Old Bending Test— | 180 degr. good | 180 degr. good | 180 degr. good | 180 degr. good |
| Angle before fracture | 3.2.36. | 3.2.36. | 3.2.36. | 3.2.36. |
| Dates when Inspected | 3.2.36. | 3.2.36. | 3.2.36. | 3.2.36. |

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.



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Lloyd's Register of Shipping
Foundations
W36-0029