

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 34

ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Cruse-Crawford Mfg. Co. of Birmingham, Ala. for the Engines No. being constructed by Brunswick Marine Const. Co. of Brunswick, Ga. for the Ship No. 127 * , being built by Savannah Engine & Construction Co. of Savannah, Ga. have been inspected by me as set forth below, and found to be, so far as can be seen, Good.

Mark on Forgings ~~or Castings~~

| | |
|----------|----------|
| Lloyd's | Lloyd's |
| No. 70 | No. 71 |
| T.S.M. | T.S.M. |
| 3/16/18. | 3/16/18. |

New Orleans, La. April 4th, 1918.

J. S. Morrison.

| CRANK SHAFT | | STRAIGHT SHAFTING. | |
|--------------------------------|--|---------------------------|-----------------------------|
| THRUST SHAFT | | 2- INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ... | | O. H. steel | |
| How made ... | | Forged from ingot | |
| Dimensions ... | | Full to plan | |
| Progress on Inspection } | | Annealed and | |
| Tests on Standard Test Pieces. | | rough turned. | |
| Tensile Test— | | (63,000 lbs. | |
| Tons per square inch | | =28.12 Tons. | |
| Extension per cent | | 31.5% | |
| Cold Bending Test— | | 180° not fractured. | |
| Angle before fracture | | | |
| Dates when Inspected | | March 11, 13, & 16, 1918. | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

* Schooner "INEZ"

Fee (if any chargeable) ~~£~~ 20.00
To be paid at New Orleans, La.

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.