

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

)

No. 328.

ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by The American Bridge Company of Gary Indiana for the Engines No. 120 being constructed by The Scandia Pae Oil Engine Co of Alameda. Cal. for the Ship No. ✓, being built by ✓ of ✓

have been inspected by me as set forth below, and found to be, so far as can be seen, Sound.

Mark on Forgings or Castings.

Lloyd's

No. 328

W.S. 5.5.17

Chicago April 25th 1917

Wm Stewart.

per R. B. Balcheter.

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|---|--------------------------------|--------------------|----------------------|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ... | Mild Steel | / | / | / |
| How made ... | Pearson's Process. | | | |
| Dimensions ... | When forged and worn turned | | | |
| Progress on } Inspection } | | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— | | | | |
| 185 tons per square inch ... | 714 30 | | | |
| Extension per cent 2" | 28 | | | |
| Cold Bending Test— | | | | |
| Angle before fracture ... | 180° | | | |
| Dates when Inspected | | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Copy of results of tests from Mr Stewart's 'certificate' which covers two shafts. (Other shafts no 230 fitted to engine 118. Same makers) R.B.

Fee (if any chargeable) £

To be paid at

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

