

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 1794 Port Nag)

No. 392. ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings ~~or Castings~~ as herein described, manufactured by Messrs. Mitsubishi Zosen Kaisha, Ltd.. of Nagasaki for the Engines No. 491 being constructed by Messrs. Nagasaki Works of Mitsubishi Zosen Kaisha, Ltd. for the Ship No. 491, being built by them of _____ 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 dispatched to~~ One Flywheel Shaft.

The words FORGINGS or CASTINGS should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's
 No. 392.
 T.K. 13-2-31.

T. Kurishima

NAGASAKI. 3rd July 1931

| | FRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|--------------------------------|-------------------------------------|---------------|--------------------------------|-------------------------|
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | Open Hearth | | | |
| How made ... | Forged | | | |
| Annealed ... | Yes | | | |
| Dimensions, Forgings | 405 m/m | | | |
| Weight, Castings | / | | | |
| Progress on Inspection | Forged, while machining & finished. | | | |
| Tests on Standard Test Pieces. | FW-1. | | | |
| Tensile Test— | 31.2 | | | |
| Tons per square inch | | | | |
| Extension per cent | 31.0 | | | |
| Cold Bending Test— | 180° | | | |
| Angle before fracture | | | | |
| Dates when Inspected | 15-10-30 to 13-2-31. | | | |

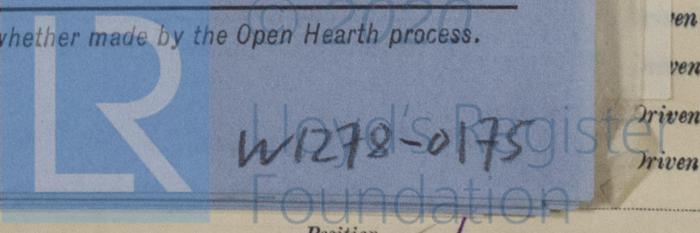
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at _____

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

10m. 3.20.



Auxiliary Engines crank shafts, diameter as fitted / Position —
 AIR RECEIVERS:— Is each receiver, which can be isolated, fitted with a safety valve as per Rule. Yes