

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 16859. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs The Langley Forge Co. Ltd. of Langley Green for the Engines No. 5/5/6 being constructed by Messrs Arncliffe & Smith Ltd. of Stull 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 and free from defects. These have been despatched to _____

Mark on Forgings or Castings.

Lloyd's

No. 8305

J.P. 30/1/29

J.P. Mangle
Sheffield
4/2/29

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|----------------------------|--------------------|--------------------------------|-------------------------|
| | FLYWHEEL SHAFT. | | | SCREW SHAFT. |
| Material* ... | / | Siemens Steel | | |
| How made ... | | Forged | | |
| If Annealed ... | | Yes | | |
| Dimensions, Forgings | | ✓ | | |
| Weight, Castings | | ✓ | | |
| Progress on { Inspection } | | Black Forging | | |
| Tests on Standard Test Pieces. | | 334 | | |
| Tensile Test— Tons per square inch | | 30.0 | | |
| Extension per cent 2" | | 39.0 | | |
| Cold Bending Test— Angle before fracture | | 180° | | |
| Dates when Inspected | | 30/1/29 to 31/1/29 | | |

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.