

15 JAN 1934

Received at

Office,

10

Lloyd's Register of Shipping.

(Report on Machinery, No. 8393 Port Bilbao)No. 955 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Sdad. E. de Construcción Naval of Reinosa for the Engines No. SL60335 being constructed by Sdad. E. de Construcción Naval of Sestao for the Ship No. 66, being built by Sdad. E. de Construcción Naval of Cadiz 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 Sestao

Mark on Forgings or Castings.

Lloyd's

No. 115, 116 130, 131, 132 192, 193, 194
GD. 18-8-32 JCK. 13-9-32 GD. 4-1-33 BILBAO

| | CRANK SHAFT. | THRUST SHAFT | INTERMEDIATE SHAFT | TUBE SHAFT. | | | | |
|-----------------------------------|----------------------------------|-------------------------|-------------------------------|-------------------------|---------------|---------------|---------------|---------------|
| | <u>CONNECTING RODS</u> | | | SCREW SHAFT. | | | | |
| | FLYWHEEL SHAFT | | | | | | | |
| Material* ... | S.M. Steel | | | | | | | |
| How made ... | Forged | | | | | | | |
| f Annealed... | Yes | | | | | | | |
| Dimensions, Forgings | - - - - - | | | | | | | |
| Weight, Castings | - - - - - | | | | | | | |
| Progress on } Inspection } | Forged, rough && finish machined | | | | | | | |
| Tests on Standard Test Pieces. | <u>Nº 115</u> | <u>Nº 116</u> | <u>Nº 130</u> | <u>Nº 131</u> | <u>Nº 132</u> | <u>Nº 192</u> | <u>Nº 193</u> | <u>Nº 194</u> |
| Tensile Test— | 48.4 | 45 | 50.6 | 45.3 | 45.9 | 53.3 | 50.2 | 49.6 |
| Tens per square inch | | | | | | | | |
| Kgs. mm. | 33 | 38 | 34 | 38 | 38 | 33 | 38 | 33 |
| Extension per cent | | | | | | | | |
| Cold Bending Test— | 180°G. | 180°G. | 180°G. | 180°G. | 180°G. | 180°G. | 180°G. | 180°G. |
| Angle before fracture | Various. | | | | | | | |
| Dates when Inspected | | | | | | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at BILBAO.

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