

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Barcelona.)

No. 11 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Soc. Anon. Talleres de Penos of Bilbao for the Engines No. 2 being constructed by Soc. Esp. de Const. Naval of Ferrol for the Ship No. 2, being built by Soc. Esp. de Const. Naval of Leizao Bilbao have been inspected by me as set forth below, and found to be, so far as can be seen, sound & free from defect.

Arthur Palmer.
Barcelona, April 2^d 1919

Lloyd's
No. 1184
13-12-18 A.C.

| | L.P. ROTOR CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|--------------------------------|-----------------------------------|--------------------|----------------------|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | <u>Steel</u> | | | |
| How made | <u>S.M. Open Hearth</u> | | | |
| Dimensions | <u>29 1/2" Dia</u> | | | |
| Progress on Inspection | <u>Finished</u> | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— | <u>28.25</u> | | | |
| Tons per square inch | <u>24 7/8</u> | | | |
| Extension per cent | <u>180°</u> | | | |
| Old Bending Test— | | | | |
| Angle before fracture | | | | |
| Dates when Inspected | <u>12-6-18; 26-8-18; 13-12-18</u> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.

