

Received at

Office,

10

## Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

BARCELONA

No. 11

## ENGINE FORGINGS OR CASTINGS.

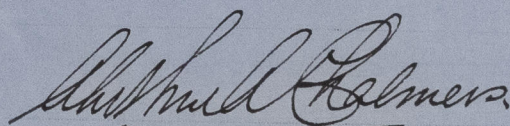
I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Altos Hornos de Vizcaya of Bilbao for the Engines No. 2 being constructed by Soc. Esp. de Const. Naval of Leizor for the Ship No. 2, being built by Soc. Esp. de Const. Naval of Leizor - Bilbao have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

Mark on Forgings or Castings.

Lloyd's

No. 11 Bcl.

13-12-18 AC



SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.

Barcelona, April 12<sup>th</sup> 1919.L.P. ROTOR  
CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material

Steel

How made

S.M. Open Hearth

Dimensions

5 1/8" DIA

Progress on Inspection

Rough &amp; Finished

Tests on Standard Test Pieces.

Tensile Test—

Tons per square inch

29.7

Extension per cent

30%

Cold Bending Test—

Angle before fracture

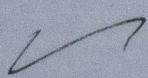
180°

Dates when Inspected

12-6-18; 26-8-18  
13-12-18

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.

T.

013945 - 013949 - 0121



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