

9 SEP 1933

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 8338 Port Oto)

No. 204 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Alfon. Hornos de Bilbas & Soc. Isp. de Const. Naval of Reinosa for the Engines No. SL60333 being constructed by Soc. Isp. de Const. Naval of Sestas Bilbas for the Ship No. 27, being built by Messa Echevarriola y Laminaga of Badiz, 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 Sestas.

on Forgings or Castings.

Lloyd's

No. 164 & 1652-11-32 & 10-2-33

G. D.

G. Dixon.

Bilbas.

CRANK SHAFT.

THRUST SHAFT.

INTERMEDIATE SHAFT.

TUBE SHAFT.

STAR? CRANKSHAFT.PORT CRANKSHAFT.

FLYWHEEL SHAFT.

SCREW SHAFT.

Serial* ...

S. M. Steel

v made ...

Forged - built up, each crank solid, body piece shrunk.

annealed ...

Each separate forging annealed.

ensions, Forgings

390^{mm} dia.

ght, Castings

gress on }

nspection }

sts on Standard

Test Pieces.

sile Test—

ons per square inch

extension per cent

d Bending Test—

ngle before fracture

ss when Inspected

Forged, rough, process of shrinking & finish machining.
No. 164 No. 165.

All crank web pieces made by
Messa Alfonso Hornos, Bilbas.All body pieces made by
Messa Soc. Isp. de Const. Naval,
Reinosa.3 Crank web pieces made by
Messa Alfonso Hornos, Bilbas1 Crank web & all body pieces
made by Soc. Española de Const
Naval, Reinosa.Various. All lists of various components in accordance with
the Societas Rules.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

here the dowel pins have been fitted in accordance with Sulzer
practice & approved plan dated 15/2/32.

e (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.

6.10.30.

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Lloyd's Register
Foundation

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