

9 SEP 1933

pt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 8338 Port Bilbao)

No. 199 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. Soc. Esp. de Const. Naval of Reinosa for the Engines No. ⁵¹⁵⁰⁸³³~~2460324~~ being constructed by Soc. Esp. de Const. Naval of Bilbao for the Ship No. 27, being built by Messrs. Echevarrieta y Larinaga 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

G. Dixon.

Bilbao.

Lloyd's
No. 89 & 90
G.D. 1.7.32.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	AIR COMPRESSOR & SCAVENGE PUMP CRANKSHAFTS.			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Stm. steel</u>			
Material made ...	<u>Solid forged.</u>			
Annealed ...	<u>Yes.</u>			
Dimensions, Forgings	<u>285mm dia</u>			
Weight, Castings ...	<input checked="" type="checkbox"/>			
Progress on Inspection }	<u>Forged, rough & finish machined.</u>			
Tests on Standard Test Pieces.	<u>no. 89</u>	<u>no. 90</u>	<u>no. 89</u>	<u>no. 90</u>
Ultimate Test—	<u>Between Web</u>	<u>End</u>	<u>Between Web</u>	<u>End</u>
Tons per sq. inch	<u>48.8</u>	<u>49.6</u>	<u>48.7</u>	<u>45.3</u>
Extension per cent	<u>36</u>	<u>32</u>	<u>34</u>	<u>35</u>
Cold Bending Test—	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Dates when Inspected	<u>4.4.32</u>	<u>3.5.32</u>	<u>1.6.32</u>	<u>1.7.32</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Cost (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.

Form 10, 30.

