

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. Ind. de Const. Navale of Reinosa for the Engines No. ⁵¹⁵⁰⁸³³~~2460394~~ being constructed by Soc. Ind. 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 Señor

on Forgings or Castings.

Lloyd's

No. 89 & 90
G.D. 1.7.32.

G. Dixon.

Bilbao.

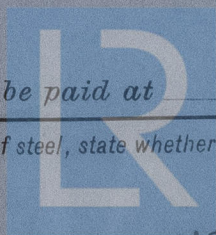
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>AIR COMPRESSOR & SLAVENGE PUMP CRANKSHAFTS.</u>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Stk. steel</u>			
or made ...	<u>Solid forged.</u>			
annealed...	<u>Yes.</u>			
ensions, Forgings	<u>285% dia</u>			
ight, Castings ...	<u>✓</u>			
gress on } Inspection }	<u>Forged, rough & finish machined.</u>			
ests on Standard Test Pieces.	<u>no. 89</u>	<u>no. 90</u>		
nsile Test— Tons per square inch	<u>Between web</u>	<u>End</u>	<u>Between web</u>	<u>End.</u>
	<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>
ld Bending Test— Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
tes when Inspected	<u>4.4.32, 3.5.32, 1.6.32, 1.7.32.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

ee (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.



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