



**ZHEJIANG SHIDAI CASTING CO., LTD.
MILL TEST CERTIFICATE REPORT**

address: JinQiao Industrial Area, TaoShan Town, Rui'an City, P.R.China.

DATE:2025.12.24

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. N°:

SD25122410-T19812

PO No.:	4676	PO DATE :		Tensile Test bar		Dimension (mm)		Section (mm ²)		Length (mm)		Testing Temperature (°C)		Brinell Hardness		Load (Kg.f)		Location		Impact Test		Impact block size (mm)		Impact direction			
Material Specification	EN10213:2007+AI:2016 1.4408	Certificate type	DIN 50049 – EN 10204 – 3.1	Actual	12.50	Actual	122.718463	Actual	50	Actual	room temp	Actual	3000	Actual	surface	Actual	-50°C	Actual	10*10*50	Actual	transverse						
COMPONENT	Chemical Composition											Mechanical Properties					Impact Test										
DWG/PATERN N°	0516200ML			sample	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	-	-	-	UTS (Rm)	YS (Rp1.0)	EL (A)	ROA (Z)	Hardness	Energy value (J)					
NAME:	CAP																					No. 1	No. 2	No. 3	T		
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Ingot casting	%											(Mpa)	(Mpa)	(%)	(%)	(HBW)							
Actual	Solution 1080	2	Water cooling		Min	Max	0.07	1.50	1.50	0.040	0.030	21.0	12.0	2.50	0.50	-	-	-	-	400	210	30	-	-	60	60	60
Heat No.	Qty.	Size:	Class:	Min	Max	0.044	0.71	1.23	0.031	0.001	18.41	9.19	2.05	0.12	-	-	-	-	640	-	-	-	237	-	-	-	-
SJ63	2					0.044	0.71	1.23	0.031	0.001	18.41	9.19	2.05	0.12	-	-	-	-	539	288	56	-	152	145	138	148	-50



- 1.-Visual inspection: accepted according to MSS-SP 55.Other information: no major repairs carried out.
- 2.-We certify that the above material has been manufactured and processed according to requirement of the above P.O.
- 3-These supply materials are in accordance with NACE MR 01-75/ISO 15156 and NACE MR 01-03/ISO 17945.

Authorised Inspector's Name, Signature & Date: Huang haigin 2025.12.24 Engineer Q.A's Name, Signature & Date: LI yong 2025.12.24 Laboratory Incharge's name, Signature & Date: Lin jun 2025.12.24