



ZHEJIANG SHIDAI CASTING CO., LTD.
MILL TEST CERTIFICATE REPORT
 address: JinQiao Industrial Area, TaoShan Town, Rui'an City, P.R.China.

DATE:2025.04.23

CLIENT :JC fabrica de valvulas,s.a. ISO 9001 / approved CE 2014/68/EU / approved MAT. CERT. N°: SD25042307-C73274

PO No.:	1783	PO DATE :	2024.12.17	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°	0540015L																								
NAME:	CAP																								
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	sample	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	-	-	-	UTS (Rm)	YS (Rp1.0)	EL (A)	ROA (Z)	Hardness	Energy value (J)			
Actual	Solution 1080	2	Water cooling	Ingot casting	%												(Mpa)	(Mpa)	(%)	(%)	(HBW)	No. 1	No. 2	No. 3	T
Heat No.	Qty.	Size:	Class:	Min	Max	0.07	1.50	1.50	0.040	0.030	18.0	9.00	2.00	-	-	-	400	210	30	-	-	60	60	60	(°C)
4L57	24					0.047	0.65	1.17	0.033	0.003	18.43	9.21	2.11	0.13	-	-	535	255	54	-	160	133	150	129	-50
4L39	5					0.044	0.71	1.17	0.032	0.002	18.41	9.18	2.06	0.13	-	-	535	240	60	-	149	119	157	147	-50
3J08	1					0.045	0.82	1.01	0.032	0.003	18.40	9.21	2.08	0.14	-	-	550	240	53	-	156	128	154	150	-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 haiqin 2025.04.23 Engineer Q.A's Name, Signature & Date: Li yong 2025.04.23 Laboratory Incharge's name, Signature & Date: Lin jun 2025.04.23