



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

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

DATE:2024.07.04

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. N°:

SD24070407-C57506A

PO No.:	PO DATE :	Tensile Test bar	Dimension (mm)	Section (mm <sup>2</sup> )	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	122.718463	50	room temp	Actual	3000	surface	-50℃	10*10*50	transverse												
COMPONENT	Chemical Composition										Mechanical Properties					Impact Test										
DWG/PATERN N°	0540032L			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	-	-	-	-	-	18.0	9.00	2.00	-	-	-	-	400	210	30	-	-	60	60	60
Heat No.	Qty.	Size:	Class:	0.07	1.50	1.50	0.040	0.030	21.0	12.0	2.50	0.50	-	-	-	-	640	-	-	-	237	-	-	-	-	
8K28	10			0.053	0.76	0.95	0.029	0.006	18.57	9.27	2.18	0.11	-	-	-	-	550	270	51	-	152	101	98	113	-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 2024.07.04      Engineer Q.A's Name, Signature & Date: Li yong 2024.07.04      Laboratory Incharge's name , Signature & Date: Lin jun 2024.07.04