



ZHEJIANG SHIDAI CASTING CO., LTD.

MILL TEST CERTIFICATE REPORT

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

DATE:2026.01.22
SD26012207-C89893

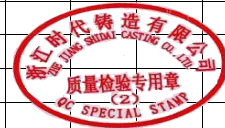
CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. N°:

PO No.:	4825	PO DATE :	2025.11.05	Tensile Test bar		Dimension		Section		Length		Testing Temperature (°C)		Brinell Hardness		Load (Kg.f)		Location		Impact Test		Impact block size (mm)		Impact direction		
Material Specification	ASTM A351A351M-24 CF8M	Certificate type	DIN 50049 – EN 10204 – 3.1	Actual	12.50	(mm)	122.718463	(mm ²)	50	(mm)	room temp	Actual	3000	Actual	surface	3000	-50	10*10*50	transverse							
COMPONENT	Chemical Composition											Mechanical Properties					Impact Test									
DWG/PATERN N°	0515040L			sample	C	Si	Mn	P	S	Cr	Ni	Mo	-	-	-	-	UTS (Rm)	YS (Rp0.2)	EL (A)	ROA (Z)	Hardness	Energy value (J)				
NAME:	CAP			Heat Treatment	Temp(°C)	Time (h)	Cooling Method												No. 1	No. 2	No. 3	T				
Actual	Solution 1080	2	Water cooling	%											(Mpa)	(Mpa)	(%)	(%)	(HBW)							
Heat No.	Qty.	Size:	Class:	Min	Ingot casting	-	-	-	-	-	18.0	9.0	2.0	-	-	-	-	485	205	30	-		60	60	60	(°C)
				Max		0.08	1.50	1.50	0.040	0.040	21.0	12.0	3.0	-	-	-	-	-	-	-	237	-	-	-	-	
5K07	10					0.042	0.70	1.1	0.032	0.002	18.13	9.25	2.08	-	-	-	-	553	242	56	-	153/162/160	166	143	152	-50
4L09	20					0.040	0.71	1.09	0.032	0.001	18.51	9.20	2.07	-	-	-	-	560	240	50	-	150/158/154	150	140	147	-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 2026.01.22 Engineer Q.A's Name, Signature & Date: Li Yong 2026.01.22 Laboratory Incharge's name, Signature & Date: Lin Jun 2026.01.22