



ZHEJIANG SHIDAI CASTING CO., LTD.

MILL TEST CERTIFICATE REPORT

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

DATE:2025.12.25
SD25122507-C87967

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	(mm)	(mm ²)	(mm)	room temp	Actual	3000	surface	-50	10*10*50	transverse											
COMPONENT	Chemical Composition															Mechanical Properties				Impact Test						
DWG/PATERN N°	0515040C				sample	C	Si	Mn	P	S	Cr	Ni	Mo	-	-	-	-	UTS (Rm)	YS (Rp0.2)	EL (A)	ROA (Z)	Hardness	Energy value (J)			
Heat Treatment	Temp(°C)	Time (h)	Cooling Method		Ingot casting	%										(Mpa)	(Mpa)	(%)	(%)	(HBW)	No. 1	No. 2	No. 3	T		
Actual	Solution 1080	2	Water cooling			Heat No.	Qty.	Size:	Class:	Min	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5K07	8					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
5J03	9					0.043	0.73	1.2	0.03	0.002	18.3	9.13	2.05	-	-	-	-	553	240	52	-	160/164/156	143	159	151	-50
4L09	4					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
4G07	9					0.051	0.67	1.20	0.03	0.002	18.45	9.15	2.05	-	-	-	-	565	240	58	-	160/150/154	131	128	129	-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 2025.12.25 Engineer Q.A's Name, Signature & Date: Li Yong 2025.12.25 Laboratory Incharge's name, Signature & Date: Lin Jun 2025.12.25