



wenzhou Shengzhong Petrochemical Equipment Co.,Ltd

MILL TEST CERTIFICATE REPORT

NO.2888,Ruifeng Road(Taoshan Area),Taoshan Town,Ruian City Zhejiang Province,P.R.China

DATE:2026.1.11

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. Nº: SZ2026011121

PO No.:	5230-3	PO DATE :	2025.12.18	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 A-351 CF8M-2018e1	Certificate type	DIN 50049 – EN 10204 – 3.1	Actual	(mm)	(mm ²)	(mm)	room temp	Actual	3000	surface	-50°C	10*10*50	transverse											
COMPONENT	5300252001				Chemical Composition								Mechanical Properties					Impact Test							
DWG/PATERN Nº	0530025C				sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) min 60J				
NAME:BODY Size:1" Class:300#	Heat Treatment	Temp(°C)	Time (h)	Cooling Method																	No. 1	No. 2	No. 3	T	
Solution annealing	1080°C	2.0-2.5h	water cooling		%										(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T	
Heat No.	Qty.	Min	Max	Ingot casting	0.08	1.50	0.040	0.040	1.50	21.0	9.00	2.0			205	485	30			237				(°C)	
1K28	1				0.053	1.288	0.003	0.034	1.256	18.81	9.259	2.121			281	548	50.5			165-165-166	165	175	187	196	-50
2D02	4				0.049	1.278	0.006	0.037	1.233	18.90	9.131	2.088			274	552	54			171-172-171	171	181	186	196	-50
2D04	2				0.040	1.244	0.008	0.038	1.110	18.65	9.364	2.047			280	548	52.5			176-175-176	176	185	192	196	-50
2D06	1				0.047	1.262	0.004	0.032	1.176	18.77	9.280	2.030			276	561	53			174-175-174	174	186	194	201	-50
2D08	2				0.050	1.346	0.006	0.038	1.236	18.87	9.246	2.114			282	537	52			170-171-170	170	188	194	198	-50
2D10	2				0.049	1.270	0.005	0.037	1.298	18.74	9.327	2.087			284	540	52			170-170-169	170	188	195	205	-50
4M94	45				0.057	1.312	0.006	0.035	1.218	19.09	9.259	2.123			266	546	51			172-172-171	172	186	196	208	-50
4M96	33				0.041	1.294	0.004	0.033	1.316	19.04	9.269	2.060			275	556	50			171-170-172	171	197	204	212	-50
4M98	10				0.051	1.279	0.005	0.036	1.264	18.55	9.201	2.072			270	532	52.5			170-170-171	170	195	205	208	-50



1.-Visual inspection:accepted according to PSO4/11 Rev 9.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: 黄振科 2026.1.11 Engineer Q.A's Name, Signature & Date: 朱晓青 2026.1.11 Laboratory Incharge's name, Signature & Date: 胡忠波 2026.1.11