



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:2026.1.19

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. Nº: SZ2026011928

PO No.:	4772-32	PO DATE :	2025.10.31	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	-100°C	10*10*50	transverse												
COMPLEMENT	L51525010				Chemical Composition								Mechanical Properties					Impact Test								
DWG/PATERN Nº	0515025L				sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) min 60J					
NAME:COVER Size:1" Class:150#	Temp(°C)	Time (h)	Cooling Method	No. 1																	No. 2	No. 3	T			
Heat Treatment	1080°C	2.0-2.5h	water cooling	Ingot casting	%										(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T		
Solution annealing	1080°C	2.0-2.5h	water cooling		Min	Max	0.08	1.50	0.040	0.040	1.50	21.0	12.00	3.0	18.0	9.00	2.0	205	485	30		237				(°C)
5G29	24					0.049	1.162	0.004	0.038	1.221	18.62	9.061	2.076				255	552	52		172-172-171	172	110	114	120	-100
5G31	29					0.054	1.276	0.004	0.038	1.221	18.41	9.143	2.077				254	541	50.5		168-168-169	168	107	109	118	-100
5G33	28					0.052	1.121	0.005	0.037	1.305	18.59	9.216	2.096				266	546	48		169-169-168	169	105	111	116	-100
5G35	50					0.054	1.271	0.007	0.039	1.175	18.50	9.070	2.099				266	571	52		169-169-170	169	109	114	123	-100



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 2026.1.19 Engineer Q.A's Name, Signature & Date: 朱晓青 2026.1.19 Laboratory Incharge's name, Signature & Date: 胡斌 2026.1.19