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: SZ2026011122

PO No.:	5230-4	PO DATE ,	2025.12.18	Tensile Test bar	Dimension	Section	Length	Testing Temperature (℃)	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		(mm)	(mm^2)	(mm)							
				Actual	12.5	122.7185	50	room temp	Actual	3000	surface	-50℃	10*10*50	transverse

COMPONENT	5300252002			Chemical Composition												Mechanical Properties						Impact Test			
DWG/PATERN Nº	0530025L																								
NAME:COVER Size:1" Class:300#				sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V			YS	UTS	EL	ROA	Hardness		Energy value (J) min 60J			
Heat Treatment	Temp(℃)	Time (h)	Cooling Method																						
Solution annealing	1080℃	2.0-2.5h	water cooling	Ingot casting	%												(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T
Heat No.	Qty.			Min						18.0	9.00	2.0					205	485	30			237				(℃)
				Max	0.08	1.50	0.040	0.040	1.50	21.0	12.00	3.0														
5H15	48				0.027	1.200	0.002	0.039	1.240	18.44	9.180	2.089					272	574	54		172-171-173	172	192	199	204	-50
5H17	61				0.043	1.268	0.004	0.037	1.284	18.40	9.191	2.089					268	535	52		169-169-168	169	195	200	201	-50
2A49	1				0.044	1.246	0.002	0.037	1.285	19.09	9.146	2.090					275	554	51		164-165-164	164	177	186	194	-50

温州盛中石化装备有限公司 质量部

1.-Visual inspection:accepted according to PSO4/I1 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: 2026.1.11 Engineer Q.A's Name, Signature & Date: 2026.1.11 Laboratory Incharge's name , Signature & Date: 2026.1.11