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:2026.1.25

CLIENT :JC fabrica de valvulas,s.a. ISO 9001 / approved CE 2014/68/EU / approved MAT. CERT. Nº: SZ2026012516

PO No.:	4772-27	PO DATE ,	2025.10.31	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	-100℃	10*10*50	transverse

COMPONENT	C515Q25001				Chemical Composition												Mechanical Properties						Impact Test			
DWG/PATERN Nº	0515025CQ																									
NAME:BODY Size:1" Class:150#																										
Heat Treatment	Temp(℃)	Time (h)	Cooling Method		sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V			YS	UTS	EL	ROA	Hardness		Energy value (J) min 60J			
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														
5L36	56					0.061	1.295	0.004	0.039	1.258	18.65	9.286	2.066					274	548	50		171-170-169	170	108	126	131	-100
5L38	67					0.058	1.233	0.003	0.037	1.391	18.48	9.091	2.076					268	571	48.5		170-168-167	168	116	124	129	-100
5L42	57					0.055	1.358	0.003	0.038	1.321	18.82	9.203	2.126					274	562	49		169-170-167	169	120	127	135	-100

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: 2026.1.25 Engineer Q.A's Name, Signature & Date: 2026.1.25 Laboratory Incharge's name , Signature & Date: 2026.1.25