

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:2025.11.23
MAT. CERT. N°: SZ2025112309

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

PO No.:	4905-8	PO DATE :	2025.11.14	Tensile Test bar	Dimension (mm)	Section (mm ²)	Length (mm)	Testing Temperature (°C)	Brinell Hardness	Load (Kg.f)	Location	Impact Test	Impact block size (mm)	Impact direction										
Material Specification	ASTM A216/A216M WCB-ed 21	Certificate type	DIN 50049 – EN 10204 – 3.1	Actual	12.5	122.7185	50	room temp	Actual	3000	surface	-29°C	10*10*50	transverse										
COMPONENT	5150801002			Chemical Composition								Mechanical Properties				Impact Test								
DWG/PATERN N°	0515080LN Rev.2			sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) min 27J				
NAME:COVER	Size:3"	Class :150#																		Ingot casting	%			
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Min	0.25	1.00	0.035	0.035	0.60	0.50	0.50	0.20	0.30	0.03	250	485	22	35	225		41	41	51	-29
Normalizing	900°C	2.5-3h	air cooling	Max											655									
Heat No.	Qty.				0.212	0.831	0.008	0.021	0.450	0.041	0.012	0.003	0.011	0.001	366	560	29.5	58	172-172-171	172	41	41	51	-29
5D051	24				0.185	0.785	0.010	0.014	0.448	0.016	0.005	0.004	0.056	0.002	372	563	26	58.5	174-174-175	174	42	47	49	-29
5D052	1				0.204	0.886	0.010	0.019	0.494	0.032	0.011	0.003	0.023	0.001	368	567	28	58	172-172-171	172	38	43	48	-29
5D053	26				0.198	0.827	0.011	0.021	0.347	0.025	0.007	0.004	0.012	0.001	371	550	32	62	171-171-170	171	42	44	46	-29
5D055	21				0.206	0.970	0.008	0.017	0.465	0.027	0.006	0.008	0.118	0.003	377	561	28	52	171-170-170	170	39	42	45	-29
5F152	10																							



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: *董振科 2025.11.23* Engineer Q.A's Name, Signature & Date: *朱晓青 2025.11.23* Laboratory Incharge's name, Signature & Date: *胡兴达 2025.11.23*