



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:2025.1.5

MAT. CERT. N°: S22025010503

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

PO No.:	1444-4	PO DATE :	2024.11.18	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	5151501002			Chemical Composition								Mechanical Properties				Impact Test										
DWG/PATERN N°	0515150ML Rev.2			sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS (Mpa)	UTS (Mpa)	EL (%)	ROA (%)	Hardness (HBW)	AVG.	Energy value (J) min 27J					
NAME:COVER	Size:6"	Class :150#																			Ingot casting	%	0.25	1.00	0.035	0.035
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Min	Max	0.207	0.812	0.008	0.018	0.425	0.025	0.009	0.001	0.010	0.001	365	545	32	61	172-172-171						
Normalizing	900°C	2.5-3h	air cooling																							
Heat No.	Qty.																									
4H047	3																									
4H049	1																									
4H051	1																									
4H053	2																									
4H055	3																									



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: 黄据科 2025.1.5 Engineer Q.A's Name, Signature & Date: 黄晓清 2025.1.5 Laboratory Incharge's name , Signature & Date: 胡兴廷 2025.1.5

HUANG JU KE

HUANG XIAO QING

HU XING TING