



# 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°: S22025010504

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

PO No.:	1745-14	PO DATE :	2024.12.11	Tensile Test bar	Dimension (mm)	Section (mm <sup>2</sup> )	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
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Min	0.193	0.907	0.006	0.016	0.474	0.041	0.011	0.001	0.013	0.001	352	548	32	63	170-171-170	170				
Normalizing	900°C	2.5-3h	air cooling	Max																				
Heat No.	Qty.																							
4H057	2																							



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