



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°: SZ2025010502

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

PO No.:	1568-15	PO DATE :	2024.11.26	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	5151501001			Chemical Composition							Mechanical Properties					Impact Test									
DWG/PATERN N°	0515150MC Rev.1			sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) min 27J					
NAME:BODY	Size:6"	Class :150#	%																	(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Ingot casting	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	39	48	51	-29		
Normalizing	900°C	2.5-3h	air cooling																					Min	Max
Heat No.	Qty.				0.234	0.848	0.008	0.019	0.472	0.040	0.015	0.001	0.013	0.001	359	556	29	62	171-172-173	172	39	48	51	-29	
4H060	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: 胡兴庭 2025.1.5

HUANG JU KE

HUANG XIAO QING

HU XING TING