



# 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:2025.12.14

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. N°: SZ2025121409

PO No.:	4772-10	PO DATE :	2025.10.31	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	EN 10213:2016 (DIN 17.245) Grade : GP240GH (1.0619)	Certificate type	DIN 50049 – EN 10204 – 3.1	Actual	10	122.7185	50	room temp	Actual	3000	surface	-29°C	10*10*50	transverse													
COMPONENT	5162001001			Chemical Composition							Mechanical Properties					Impact Test											
DWG/PATERN N°	0516200MC Rev.6			sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) min 27J							
NAME:BODY DN-200 PN-16	Heat Treatment	Temp(°C)	Time (h)																	Cooling Method	No. 1	No. 2	No. 3	T			
Normalizing	900°C	2.5-3h	air cooling	Ingot casting	%										(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T			
Heat No.	Qty.	Min	Max		0.18	0.50											240	420	22								(°C)
5K060	4			0.23	1.20	0.020	0.030	0.60	0.30	0.40	0.12	0.30	0.03			600											
				0.210	0.885	0.008	0.016	0.498	0.028	0.011	0.002	0.012	0.001			371	562	26.5	56	171-170-173	171	35	39	41		-29	

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: 黄振科 2025.12.14 Engineer Q.A's Name, Signature & Date: 黄振科 2025.12.14 Laboratory Incharge's name, Signature & Date: 胡兴 2025.12.14