



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:2025.1.12

MAT. CERT. N°: SZ2025011223

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

PO No.:	1146-10	PO DATE :	2024.10.21	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	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	5161501002V1			Chemical Composition										Mechanical Properties				Impact Test								
DWG/PATERN N°	0516150ML Rev.4			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	DN-150 PN-16																				Ingot casting	0.18	0.50	0.020	0.030	0.60
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Min	Max																					
Normalizing	900°C	2.5-3h	air cooling																							
Heat No.	Qty.																									
4L039	4				0.201	0.896	0.008	0.017	0.474	0.044	0.001	0.002	0.002	0.001												
4L043	1				0.200	0.843	0.010	0.019	0.490	0.093	0.016	0.005	0.083	0.003												
4L073	7				0.211	0.875	0.011	0.017	0.464	0.037	0.015	0.002	0.017	0.001												
4L075	2				0.221	1.005	0.013	0.017	0.514	0.026	0.009	0.001	0.015	0.001												
4L077	2				0.229	0.974	0.009	0.016	0.510	0.031	0.009	0.002	0.014	0.001												
4L081	5				0.206	0.896	0.008	0.013	0.443	0.021	0.008	0.001	0.017	0.001												
4L083	3				0.221	0.943	0.016	0.018	0.521	0.031	0.014	0.001	0.031	0.001												
4L087	3				0.204	0.855	0.009	0.015	0.430	0.029	0.011	0.001	0.009	0.001												
4L091	7				0.206	0.833	0.007	0.014	0.429	0.028	0.008	0.001	0.030	0.001												

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: 董据科 2025.1.12 Engineer Q.A.'s Name, Signature & Date: 董晓清 2025.1.12 Laboratory Incharge's name , Signature & Date: 胡兴廷 2025.1.12

HUANG JU KE

HUANG XIAO QING

HU XING TING