



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:2024.10.14

MAT. CERT. N°: SZ2024101403

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

PO No.:	565-35	PO DATE :	2024.8.16	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	5161501001V1			Chemical Composition							Mechanical Properties					Impact Test								
DWG/PATERN N	0516150MC Rev.6			sample	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) min 27J					
NAME:BODY	DN-150 PN-16																		%					
Heat Treatment	Temp(°C)	Time (h)	Cooling Method	Ingot casting	0.18	0.50																		(°C)
Normalizing	900°C	2.5-3h	air cooling		0.23	1.20	0.020	0.030	0.60	0.30	0.40	0.12	0.30	0.03										
Heat No.	Qty.																							
3H090	3				0.211	0.912	0.007	0.014	0.435	0.092	0.010	0.002	0.015	0.001										
3H092	2				0.215	1.067	0.008	0.016	0.490	0.046	0.009	0.002	0.071	0.001										
3H094	2				0.213	1.007	0.014	0.020	0.533	0.039	0.007	0.003	0.010	0.001										
3H202	2				0.203	0.989	0.011	0.020	0.467	0.076	0.010	0.002	0.026	0.001										
3H204	4				0.201	1.029	0.011	0.019	0.469	0.049	0.008	0.002	0.023	0.001										
3H206	3				0.207	1.070	0.008	0.019	0.499	0.055	0.010	0.001	0.020	0.002										
3H208	1				0.217	0.966	0.012	0.018	0.479	0.096	0.031	0.002	0.019	0.001										
4E022	3				0.195	0.753	0.007	0.014	0.449	0.036	0.014	0.003	0.021	0.001										
4E042	3				0.193	1.002	0.006	0.014	0.488	0.034	0.009	0.005	0.012	0.001										
4E044	4				0.197	1.049	0.007	0.014	0.482	0.040	0.014	0.005	0.011	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: 黄据科 2024.10.14 Engineer Q.A's Name, Signature & Date: 黄晓清 2024.10.14 Laboratory Incharge's name, Signature & Date: 胡兴廷 2024.10.14

HUANG JU KE

HANG XIAO QING

HU XING TING