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:2025.11.30

CLIENT :JC fabrica de valvulas,s.a. ISO 9001 / approved CE 2014/68/EU / approved MAT. CERT. Nº: SZ2025113009

PO No.:	4772-11	PO DATE :	2025.10.31	Tensile Test bar	Dimension	Section	Length	Testing Temperature (℃)	Brinell Hardness	Load (Kg.f)	Location	Impact Test	Impact block size (mm)	
Material Specification	EN 10213:2016 (DIN 17.245) Grade : GP240GH (1.0619)	Certificate type	DIN 50049 – EN 10204 – 3.1		(mm)	(mm^2)	(mm)							
				Actual	10	122.7185	50	room temp	Actual	3000	surface	-29℃	10*10*50	transverse

COMPONENT	5162001002				Chemical Composition											Mechanical Properties						Impact Test			
DWG/PATERN Nº	0516200ML Rev.6				sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V			YS	UTS	EL	ROA	Hardness		Energy value (J) min 27J			
NAME:COVER DN-200 PN-16																									
Heat Treatment	Temp(℃)	Time (h)	Cooling Method																						
Normalizing	900℃	2.5-3h	air cooling		Ingot casting	%												(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T
Heat No.	Qty.			Min		0.18	0.50											240	420	22							(℃)
				Max		0.23	1.20	0.020	0.030	0.60	0.30	0.40	0.12	0.30	0.03				600								
5J085	2					0.200	0.999	0.007	0.018	0.493	0.061	0.015	0.004	0.034	0.001			368	562	30	61	174-175-174	174	42	46	50	-29
5J087	3					0.200	0.920	0.012	0.017	0.481	0.034	0.011	0.003	0.022	0.001			356	535	28	58	172-173-171	172	42	44	53	-29
5J089	1					0.198	0.897	0.007	0.018	0.440	0.148	0.020	0.030	0.043	0.001			374	567	28	56	168-168-167	168	39	45	51	-29

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.

温州盛中石化装备有限公司 质量部

Authorised Inspector's Name, Signature & Date: 黄振钟 2025.11.30 Engineer Q.A's Name, Signature & Date: 2025.11.30 Laboratory Incharge's name , Signature & Date: 2025.11.30