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:2024.10.28

CLIENT :JC fabrica de valvulas,s.a. ISO 9001 / approved CE 2014/68/EU / approved MAT. CERT. Nº: SZ2024102819

PO No.:	1084-65	PO DATE :	2024.10.14	Tensile Test bar	Dimension (mm)	Section (mm^2)	Length (mm)	Testing Temperature (℃)	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℃	10*10*50	transverse

COMPONENT	5161501002V1
DWG/PATERN N º	0516150ML Rev.4
NAME:COVER	DN-150 PN-16

Heat Treatment	Temp(℃)	Time (h)	Cooling Method
Normalizing	900℃	2.5-3h	air cooling

Chemical Composition

sample	`	Mn	S	P	Si	Cr	Ni	Mo	Cu	V		
Ingot casting	%											
Min	0.18	0.50										
Max	0.23	1.20	0.020	0.030	0.60	0.30	0.40	0.12	0.30	0.03		

Mechanical Properties

YS	UTS	EL	ROA	Hardness		Energy value (J) min 27J			
(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T
240	420	22							(℃)
	600								

Heat No.	Qty.																									
4H125	3					0.201	0.829	0.007	0.015	0.462	0.024	0.009	0.001	0.014	0.001			368	564	28	54	174-173-174	174	38	46	49	−29
4H141	8					0.205	0.970	0.009	0.017	0.489	0.026	0.009	0.002	0.012	0.001			371	535	29	62	172-171-172	172	44	45	52	−29
3D061	1					0.200	0.992	0.010	0.015	0.412	0.070	0.010	0.002	0.013	0.001			381	571	30	60	171-171-170	171	40	43	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: 黄振科 2024.10.29 Engineer Q.A's Name, Signature & Date: 黄晓清 2024.10.29 Laboratory Incharge's name , Signature & Date: 胡兴廷 2024.10.29

HUANG JU KE HUANG XIAO QING HU XINGTING