



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:2024.6.24

CLIENT :JC fabrica de valvulas,s.a.

ISO 9001 / approved

CE 2014/68/EU / approved

MAT. CERT. N°: SZ20240624126

PO No.:	PO DATE :			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	Certificate type			DIN 50049 – EN 10204 – 3.1	Actual	12.5	122.7185	50	room temp	Actual	3000	surface	-29°C	10*10*50	transverse										
COMPONENT	5150401001				Chemical Composition								Mechanical Properties				Impact Test								
DWG/PATERN N°	0515040C				sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	YS	UTS	EL	ROA	Hardness	Energy value (J) 27J min				
NAME:BODY Size:1-1/2" Class :150#	Class :150#																				Temp(°C)	Time (h)	Cooling Method	No. 1	No. 2
Heat Treatment	900°C	2.5-3h	air cooling	Ingot casting	%										(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.					
Normalizing	900°C	2.5-3h	air cooling		Min	Max	0.25	1.00	0.035	0.035	0.60	0.50	0.50	0.20	0.30	0.03	250	485	22	35		225			
Heat No.	Qty.					0.185	0.877	0.010	0.014	0.423	0.029	0.011	0.002	0.014	0.001	372	546	28.5	58	174-174-173	174	46	48	54	-29
0A020	2					0.185	0.877	0.010	0.014	0.423	0.029	0.011	0.002	0.014	0.001	372	546	28.5	58	174-174-173	174	46	48	54	-29
0A022	6					0.193	0.811	0.008	0.014	0.452	0.024	0.012	0.002	0.011	0.001	365	557	32	65	175-174-176	175	41	51	54	-29
0A024	5					0.198	0.856	0.007	0.014	0.505	0.027	0.008	0.002	0.045	0.001	362	550	31	61	172-173-172	172	45	52	56	-29
0A026	4					0.218	0.806	0.007	0.013	0.445	0.027	0.009	0.002	0.024	0.001	381	532	30	63	178-177-178	178	42	50	53	-29
0A028	4					0.201	0.790	0.006	0.012	0.444	0.025	0.010	0.002	0.055	0.001	374	546	28.5	62	174-175-174	174	42	46	52	-29
0C106	7					0.189	0.794	0.009	0.014	0.440	0.030	0.009	0.003	0.017	0.001	374	552	32	61	172-172-173	172	41	45	51	-29
0C108	22					0.195	0.833	0.010	0.016	0.453	0.048	0.009	0.003	0.057	0.002	375	561	30	65	171-171-172	171	45	48	54	-29
0D208	56					0.214	0.776	0.010	0.018	0.430	0.078	0.010	0.005	0.021	0.001	318	524	31	45	184-183-184	184	35	41	46	-29
0F082	3					0.195	0.839	0.008	0.014	0.462	0.026	0.008	0.003	0.013	0.001	365	553	29	58	170-170-171	170	43	46	54	-29
0F084	8					0.213	0.853	0.010	0.016	0.475	0.023	0.009	0.002	0.010	0.001	374	560	27.5	61	176-175-176	176	40	42	51	-29
0F086	7					0.210	0.837	0.008	0.013	0.418	0.028	0.007	0.002	0.008	0.001	377	549	28	60	171-171-170	171	44	48	50	-29
9J130	8					0.200	0.760	0.011	0.013	0.413	0.022	0.010	0.004	0.043	0.001	381	538	28.5	59	172-172-172	172	43	45	46	-29
9J136	33					0.185	0.818	0.008	0.014	0.511	0.030	0.006	0.003	0.033	0.001	375	554	29	62	174-174-174	174	40	43	47	-29

1.-Visual inspection:accepted according to PSO4/11 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: 黄旭清 2024.6.24 Engineer Q.A's Name, Signature & Date: 黄旭清 2024.6.24 Laboratory Incharge's Name, Signature & Date: 胡兴庭 2024.6.24

HUANG JU KE

HUANG XIAO QING

HU XING TING

