

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

LONGWAN INDUSTRIAL BASE LONGWAN WENZHOU ,(Area 3, Valves Base) CHINA

Mill Test Certificate

Report No.:AN-2010004

Date:Oct 24th 2020

Order No.:AN-M-2020-1024

TO:Unimech Engineering (M) Sdn Bhd

1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
				C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥35%		
1PC Ball Valve 1000PSI BSPT R-PTFE	1/2"	M00904	4000	≤0.08	≤1.50	≤2.00	≤0.04	≤0.04	≤0.04	18-21	8-11	≤0.50	230	546	43	
		M00905		0.057	0.52	1.28	0.023	0.015	18.32	8.16	0.15	250	552	42		
	1"	M00906	4000	0.047	0.53	0.92	0.026	0.027	18.19	8.1	0.17	215	518	46		
		M00907		0.043	0.69	0.97	0.031	0.017	18.27	8.2	0.09	230	509	51		
	2"	M00908	500	0.048	1.19	1.17	0.021	0.016	18.12	8.12	0.1	235	518	49		
	2 1/2"	M00909	80	0.04	1.02	0.91	0.038	0.007	18.15	8.11	0.07	221	515	52		

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	10.4MPa	≥60	No Leak	Qualified
Seal Test	Air	0.6MPa	≥60	No Leak	Qualified
Test Standard	API 598 (valve inspections and tests)				

We certify that the material has been sampled, tested, and inspected with provisions of the above referenced.

Q.C. Manager: Youcheng Xu

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

LONGWAN INDUSTRIAL BASE LONGWAN WENZHOU ,(Area 3, Valves Base) CHINA

Mill Test Certificate

Report No.:AN-2012008

Date:Dec 7th 2020

Order No.:AN-M-2020-1207

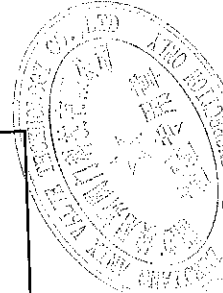
TO:Unimech Engineering (M) Sdn Bhd

1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Size	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
					C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 485\text{Mpa}$	Elongation $\geq 35\%$		
IPC Ball Valve 1000PSI With Lock R-PTFE BSPT		1/4"	M01101	300	≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	≤ 0.04	18-21	8-11	≤ 0.50	218	511	51	
		1/2"	M00904	960	0.041	0.55	1.08	0.016	0.014	18.29	8.19	0.05	230	546	43		
		1"	M01016	2140	0.057	0.73	1.08	0.023	0.015	18.32	8.16	0.15	238	545	41		

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	10.4MPa	≥ 60	No Leak	Qualified
Seal Test	Air	0.6MPa	≥ 60	No Leak	Qualified
Test Standard	API 598 (valve inspections and tests)				



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