

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2010005

Date:Oct 24th 2020

Order No.:AN-M-2020-1024

TO:Unimech Engineering (M) Sdn Bhd

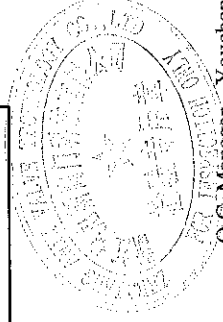
1、Chemical And Tensile Requirements

Material: ASTM A351 CF8M				Chemical Composition %							Tension Test			
Description	Size	Heat NO.	QTY (PCS)	C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 485\text{Mpa}$	Elongation $\geq 30\%$
				≤ 0.08	≤ 1.50	≤ 1.50	≤ 0.04	≤ 0.04	18-21	9-12	2-3			
1PC Ball Valve 1000PSI BSPT R-PTFE	1/4"	M00910	500	0.041	1.1	1.06	0.023	0.025	18.25	9.11	2.1	219	506	42
	1/2"	M00911	1000	0.047	1.08	0.96	0.016	0.015	18.14	9.15	2.19	230	514	47
	1"	M00912	200	0.049	0.75	1.12	0.032	0.013	18.22	9.19	2.19	228	511	46
	1 1/2"	M00913	200	0.043	1.27	1.19	0.024	0.013	18.24	9.13	2.13	222	507	43

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-2008001

Date:Aug 24th 2020

Order No.:AN-M-2020-0824

TO:Unimech Engineering (M) Sdn Bhd

1、Chemical And Tensile Requirements

Description	Size	Heat NO.	QTY (PCS)	Material: ASTM A351 CF8M Chemical Composition %										Tension Test		
				C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥30%		
SS316 BSPT 1 PC REDUCE BORE BALL VALVE 1000WOG,LOCKABLE ,SEAT:R-PTFE	1"	M20601	500	≤0.08	≤1.50	≤1.50	≤0.04	≤0.04	18-21	9-12	2-3	2.16	239	542	38	
	2"	M20602	500	0.061	1.1	0.86	0.017	0.022	18.2	9.19	2.11	222	527	42		
	3"	M20603	200	0.043	1.29	1.13	0.028	0.021	18.29	9.11	2.12	230	557	36		

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 inspect 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-2012009

Date:Dec 7th 2020

Order No.:AN-M-2020-1207

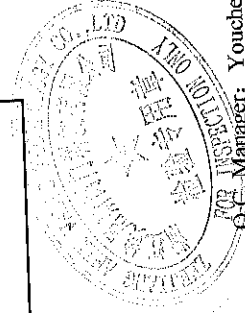
TO:Unimech Engineering (M) Sdn Bhd

1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8M	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 $\geq 30\%$		
IPC Ball Valve With Lock BSPT RPTFE 1000PSI	Size	600		≤ 0.08	≤ 1.50	≤ 1.50	≤ 0.04	≤ 0.04	0.026	18-21	9-12	2-3	225	510	47	
	1/4"	1000	M00910	0.048	1.07	1.2	0.015	0.026	18.22	9.2	2.09	225	510	47		
	1/2"		M01018	0.045	1.08	0.98	0.022	0.006	18.15	9.2	2.17	228	509	43		

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)				



Q.C. Manager: Youcheng Xu

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

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2101001

Date:4th Jan 2021

TO:Unimech Engineering (M) Sdn Bhd

Order No.:AN-M-2021-0104

1、Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8M	Heat NO.	Size	QTY (PCS)	Chemical Composition %										Tension Test		
					C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥30%		
IPC Ball Valve 1000PSI With Lock BSPT RPTPE	1/2"	M01102	600	≤0.08	≤1.50	≤1.50	≤0.04	≤0.04	18-21	9-12	2-3	231	525	41			
	1"	M01103	250	0.047	1.06	1.09	0.017	0.024	18.15	9.16	2.18	221	519	47			

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	Water	0.6MPa	≥60	Qualified	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.

