

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.: AN-2010006

Date: Sep 26th 2020

Order No.: AN-M-2020-0926

TO: Unimech Engineering (M) Sdn Bhd

1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Heat NO.	Size	QTY (PCS)	Chemical Composition %								Tension Test		
					C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥35%
				≤0.08	≤1.50	≤2.00	≤0.04	≤0.04	≤0.04	18-21	8-11	≤0.50			
Gate Valve BSPT 200PSI		M00931	1"	42	0.058	1.06	1.2	0.022	0.006	18.17	8.11	0.24	245	556	39

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	2.1MPa	≥60	No Leak	Qualified
Seal Test	Water	1.6MPa	≥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.

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-2012005

Date:Dec 7th 2020

Order No.:AN-M-2020-1207

TO:Unimech Engineering (M) Sdn Bhd

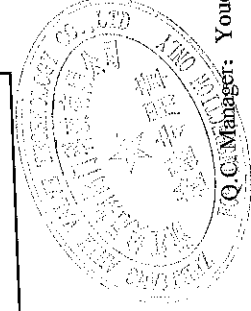
1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
				C	Min	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥35%		
Gate Valve 200PSI BSPT	3/4"	M01005	100	≤0.08	≤1.50	≤2.00	≤0.04	≤0.04	0.009	18-21	8-11	≤0.50	239	551	45	
	1"	M01006	300	0.049	0.8	1.3	0.019	0.026	18.16	8.05	0.13	231	533	47		

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	2.1MPa	≥60	No Leak	Qualified
Seal Test	Water	1.6MPa	≥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.



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ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2007003

Date:July 13th 2020

Order No.:AN-M-2020-0713

TO:UNIMECH ENGINEERING (M) SDN BHD

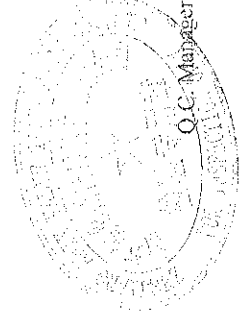
1、 Chemical And Tensile Requirements

Description	Size	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
				C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥35%		
Gate Valve 200PSI BSPT	3/4"	M20601	200	≤0.08	≤1.50	≤2.00	≤0.04	≤0.04	0.03	18.24	8-11	0.12	249	547	40	
	1"	M20602	100	0.05	1.24	1.3	0.037	0.008	18.27	8.06	0.07	231	552	41		

2、 Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	2.1MPa	≥60	No Leak	Qualified
Seal Test	Water	1.6MPa	≥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.



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ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2101007

Date:4th Jan 2021

TO:Unimech Engineering (M) Sdn Bhd

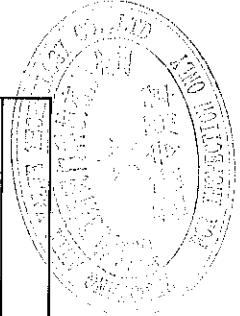
Order No.:AN-M-2021-0104

1、 Chemical And Tensile Requirements

Description	Size	Heat NO.	QTY (PCS)	Material: ASTM A351 CF8											Tension Test		
				Chemical Composition %											Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥35%
				C	Mn	Si	P	S	Cr	Ni	Mo						
Gate Valve 200PSI BSPT	3/4"	M01114	1200	≤0.08	≤1.50	≤2.00	≤0.04	≤0.04	18-21	8-11	≤0.50	242	553	39			
	1"	M01115	100	0.051	0.58	1.26	0.028	0.022	18.35	8.07	0.21	218	507	51			
	1 1/4"	M01116	30	0.042	0.96	0.84	0.03	0.03	18.18	8.15	0.09	233	559	39			
	2"	M01117	180	0.064	1.1	1.27	0.04	0.008	18.16	8.09	0.15	248	537	42			
				0.065	0.78	1.12	0.027	0.015	18.29	8.19	0.24						

2、 Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	2.1MPa	≥60	No Leak	Qualified
Seal Test	Water	1.6MPa	≥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.

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-2010017

Date:Oct 24th 2020

Order No.:AN-M-2020-1024

TO:Unimech Engineering (M) Sdn Bhd

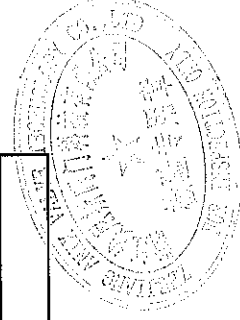
1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Heat NO.	Size	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 $\geq 35\%$		
Gate Valve BSPT 200PSI	1 1/4"	M01007	15		≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	≤ 0.04	18-21	8-11	≤ 0.50	240	561	45	

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	2.1MPa	≥ 60	No Leak	Qualified
Seal Test	Water	1.6MPa	≥ 60	Qualified	Qualified
Test Standard	API 598 (valve inspections and tests)				

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