

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2012006

Date:Dec 7th 2020

Order No.:AN-M-2020-1207

TO:Unimech Engineering (M) Sdn Bhd

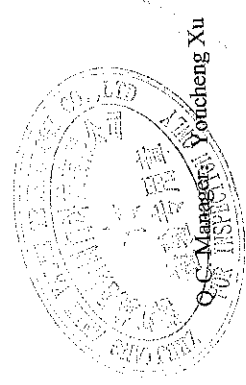
1. Chemical And Tensile Requirements

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 $\geq 30\%$		
Gate Valve 200PSI BSPT	1/2"	M01008	60	≤ 0.08	≤ 1.50	≤ 1.50	≤ 0.04	≤ 0.04	≤ 0.04	18-21	9-12	2-3	233	541	36	
	1"	M01009	40	0.054	0.75	0.86	0.03	0.029	0.029	18.31	9.11	2.17	233	559	40	
	1"	M01115	100	0.061	0.9	1.2	0.025	0.03	0.03	18.21	9.18	2.11	233	534	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)				

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



ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2007006

Date:July 13th 2020

Order No.:AN-M-2020-0713

TO:UNIMECH ENGINEERING (M) SDN BHD

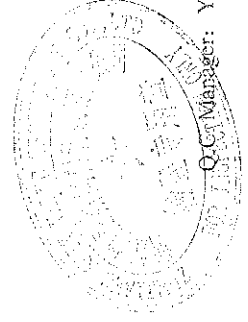
1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8M	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
				C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥30%		
Globe Valve 200PSI BSPT	1/2"	M20605	100	≤0.08	≤1.50	≤1.50	≤0.04	≤0.04	18-21	9-12	2-3	2.09	220	528	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)				

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



QC 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-2007005

Date:July 13th 2020

TO:UNIMECH ENGINEERING (M) SDN BHD

Order No.:AN-M-2020-0713

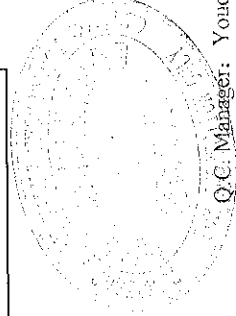
1. Chemical And Tensile Requirements

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%					
Gate Valve 200PSI BSPT	1/2"	M20604	100	≤0.08	≤1.50	≤1.50	≤0.04	≤0.04	18-21	9-12	2-3	2.06	230	546	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