

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2012003

Date:Dec 7th 2020

Order No.:AN-M-2020-1207

TO:Unimech Engineering (M) Sdn Bhd

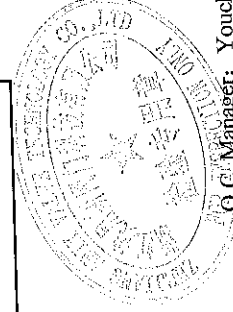
1. Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Heat NO.	Size	QTY (PCS)	Chemical Composition %										Tension Test		
					C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength ≥205Mpa	Tensile Strength ≥485Mpa	Elongation ≥35%		
Spring Check Valve PN40 BSPT		1004	1"	100	≤0.08	≤1.50	≤2.00	≤0.04	≤0.04	0.038	0.011	18.18	8.06	0.19	229	534	51

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	6.0MPa	≥60	No Leak	Qualified
Seal Test	Water	4.4MPa	≥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.



Q.C. Manager: Youcheng Xu

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

TO:Unimech Engineering (M) Sdn Bhd

Order No.:AN-M-2021-0104

Report No.:AN-2101005

Date:4th Jan 2021

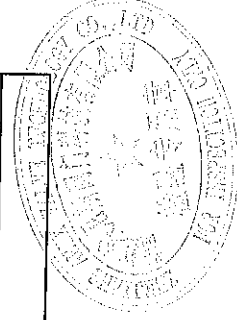
1、 Chemical And Tensile Requirements

Description	Size	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
				C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 485\text{Mpa}$	Elongation $\geq 35\%$		
2PC Check Valve PN40 BSPT	1/2"	M01110	200	≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	≤ 0.04	18-21	8-11	≤ 0.50	226	535	51	
	2"	M01111	70	0.042	0.87	0.83	0.028	0.033	18.22	8.2	0.24	225	528	46		

2、 Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	6.0MPa	≥ 60	No Leak	Qualified
Seal Test	Water	4.4MPa	≥ 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-2008010

Date:Aug 24th 2020

Order No.:AN-M-2020-0824

TO:Unimech Engineering (M) Sdn Bhd

1、 Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8				Chemical Composition %										Tension Test		
	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 $\geq 35\%$			
SS304 BSPT 2PC SPRING VERTICAL CHECK VALVE PN40	1/2"	M00702	200	≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	18-21	8-11	≤ 0.50	232	538	42			
	1"	M00703	100	0.051	1.26	0.91	0.027	0.018	18.3	8.15	0.11	216	506	47			
	1 1/2"	M00704	50	0.044	1.05	0.87	0.024	0.01	18.35	8.09	0.06	244	537	45			
	2"	M20312	50	0.056	1.04	0.91	0.021	0.019	18.35	8.2	0.22	245	543	42			

2、 Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	6.0MPa	≥ 60	No Leak	Qualified
Seal Test	Water	4.4MPa	≥ 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.

