

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2107007

Date:Aug 10th 2021

TO:Unimech Engineering (M) Sdn Bhd

Order No.:AN-M-2021-0726

1、Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Size	Heat NO.	QTY (PCS)	Chemical Composition %							Tension Test			
					C	Min	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 485\text{Mpa}$	Elongation $\geq 35\%$
2PC Check Valve BSPT PN40		2"	M10301	50	≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	≤ 0.04	18-21	8-11	≤ 0.50	548	44

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

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	Size	Heat NO.	QTY (PCS)	C	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 485\text{Mpa}$	Elongation $\geq 30\%$				
2PC Check Valve BSPT PN40	1/4"	M10606	30	≤ 0.08	≤ 1.50	≤ 0.04	≤ 0.04	18-21	9-12	2-3	$\geq 205\text{Mpa}$	$\geq 485\text{Mpa}$	$\geq 30\%$				
	3/8"	M10606	50	0.04	1.21	0.022	0.029	18.25	9.19	2.07	229	511	42				
	2"	M10302	10	0.046	0.88	0.03	0.03	18.21	9.1	2.16	228	518	45				

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