

# ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2205006

Date:May 9th 2022

Order No.:AN-M-2022-0509

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	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"	M20212	116	$\leq 0.08$	$\leq 1.50$	$\leq 2.00$	$\leq 0.04$	$\leq 0.04$	0.027	18.2	8.07	0.16	248	552	41	
	1/2"	M10433	40	0.06	1.28	1.15	0.015	0.008	18.16	8.14	0.18	244	550	39		
	1"	20317	50	0.055	0.94	1.24	0.022	0.02	18.33	8.06	0.18	244	541	45		
	1 1/4"	20415	20	0.063	1.19	1.07	0.015	0.013	18.3	8.08	0.25	245	546	39		
	2"	20415	20	0.063	1.19	1.07	0.015	0.013	18.3	8.08	0.25	245	546	39		

## 2、 Pressure Test And The Results

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