

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.: AN-1810011-1

Date: Oct 12th, 2018

Order No.: AN-M-2018-1012

TO: Unimech Engineering (M) Sdn Bhd

1. Chemical And Tensile Requirements

Material: ASTM A182 F316				Chemical Composition %							Tension Test				
Description	Size	Heat NO.	QTY (PCS)	C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 515\text{Mpa}$	Elongation $\geq 30\%$	Contraction Percentage $\geq 50\%$
				≤ 0.08	≤ 2.00	≤ 1.00	≤ 0.045	≤ 0.030	16-18	10-14	2-3				
Flange Gate Valve F316 150LB	3/4"	R26	4	0.054	1.29	0.68	0.031	0.008	16.21	10.24	2.08	232	554	43	60
	1"	R26	60	0.054	1.29	0.68	0.031	0.008	16.21	10.24	2.08	232	554	43	60

2. Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	3.0Mpa	≥ 15	No Leak	Qualified
Seal Test	Water	2.2Mpa	≥ 15	No Leak	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.

