

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2008006

Date:Aug 24th 2020

Order No.:AN-M-2020-0824

TO:Unimech Engineering (M) Sdn Bhd

1、Chemical And Tensile Requirements

| Description | Size | Heat NO. | QTY (PCS) | Chemical Composition % | | | | | | | | | | | | | Tension Test | | |
|---------------------------------------|--------|----------|-----------|------------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------------------|---------------------------------------|------------------------|------------------------------------|----|
| | | | | C | Mn | Si | P | S | Cr | Ni | Mo | Cu | V | Nb | Yield Strength $\geq 250\text{Mpa}$ | Tensile Strength $\geq 485\text{Mpa}$ | Elongation $\geq 22\%$ | Contraction Percentage $\geq 35\%$ | |
| 3PC Ball Valve 1000PSI BSPT RP/TFE | 1" | M20610 | 100 | ≤ 0.30 | ≤ 1.00 | ≤ 0.60 | ≤ 0.04 | ≤ 0.045 | ≤ 0.50 | ≤ 0.50 | ≤ 0.16 | ≤ 0.20 | ≤ 0.30 | ≤ 0.03 | - | 292 | 558 | 32 | 46 |
| | 1 1/2" | M20610 | 30 | 0.25 | 0.87 | 0.25 | 0.012 | 0.01 | 0.12 | 0.16 | 0.07 | 0.14 | 0.008 | - | 292 | 558 | 32 | 46 | |
| | 2" | M20610 | 10 | 0.25 | 0.87 | 0.25 | 0.012 | 0.01 | 0.12 | 0.16 | 0.07 | 0.14 | 0.008 | - | 292 | 558 | 32 | 46 | |

2、Pressure Test And The Results

| Detection Project | Media | Measured Values (Mpa) | Duration (s) | Test Results | Results |
|-------------------|--|-----------------------|--------------|--------------|-----------|
| Shell Test | Water | 10.4MPa | ≥ 60 | No Leak | Qualified |
| Seal Test | Air | 0.6MPa | ≥ 60 | 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.



FOR OFF-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-2010002

Date:Oct 24th 2020

Order No.:AN-M-2020-1024

TO:Unimech Engineering (M) Sdn Bhd

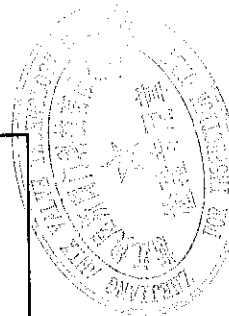
1、 Chemical And Tensile Requirements

| Description | Material: ASTM A216 WCB | | | | | | | | | | | Chemical Composition % | | | | Tension Test | | | |
|---------------------------------------|-------------------------|----------|-----------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|------------------------|-------------|----|-------------------------------------|---------------------------------------|------------------------|------------------------------------|--|
| | Size | Heat NO. | QTY (PCS) | C | Mn | Si | P | S | Cr | Ni | Mo | Cu | V | Nb | Yield Strength $\geq 250\text{Mpa}$ | Tensile Strength $\geq 485\text{Mpa}$ | Elongation $\geq 22\%$ | Contraction Percentage $\geq 35\%$ | |
| 3PC Ball Valve 1000PSI BSPT R-PTFE | 1/2" | M00902 | 50 | ≤ 0.30 | ≤ 1.00 | ≤ 0.60 | ≤ 0.04 | ≤ 0.045 | ≤ 0.50 | ≤ 0.50 | ≤ 0.20 | ≤ 0.30 | ≤ 0.03 | - | ≥ 294 | ≥ 562 | ≥ 29 | ≥ 44 | |
| | 1 1/2" | M00902 | 50 | 0.24 | 0.72 | 0.39 | 0.02 | 0.006 | 0.1 | 0.16 | 0.09 | 0.14 | 0.012 | - | 294 | 562 | 29 | 44 | |

2、 Pressure Test And The Results

| Detection Project | Media | Measured Values (Mpa) | Duration (s) | Test Results | Results |
|-------------------|---------------------------------------|-----------------------|--------------|--------------|-----------|
| Shell Test | Water | 10.4MPa | ≥ 60 | No Leak | Qualified |
| Seal Test | Air | 0.6MPa | ≥ 60 | 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.



Q.C. Manager: Youcheng Xu