

# ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

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

Mill Test Certificate

Report No.:AN-2112004

Date:Dec 6th 2021

TO:Unimech Engineering (M) Sdn Bhd

Order No.:AN-M-2021-1206

## 1、 Chemical And Tensile Requirements

| Description                                     | Material: ASTM A351 CF8M | 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 $\geq 30\%$ |  |
| 2PC Ball Valve With Lock<br>1000PSI BSPT R-PTFE | 3/4"                     | M11007   | 400       | $\leq 0.08$            | $\leq 1.50$ | $\leq 1.50$ | $\leq 0.04$ | $\leq 0.04$ | 18-21 | 9-12 | 2-3  | 245                                 | 538                                   | 36                     |  |
|   | 2"                       | M11008   | 250       | 0.06                   | 0.78        | 0.79        | 0.031       | 0.006       | 18.29 | 9.11 | 2.08 | 220                                 | 517                                   | 46                     |  |
|   |                          |          |           | 0.043                  | 0.72        | 0.73        | 0.015       | 0.023       | 18.18 | 9.07 | 2.15 |                                     |                                       |                        |  |

## 2、 Pressure Test And The Results

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