SEALING TEST CERTIFICATE 3.1

IN ACCORDANCE WITH EN 10204 3.1

Certificate No.: **STC-3.1-2026-0827-001**

1. PRODUCT INFORMATION

Product Name	Butterfly Valve	**Model & Size**	DN200 PN40
Medium	Water	**Quantity**	4 Sets
Design Standard	API 609 / EN 593	**Test Date**	2026-08-27

2. TEST STANDARD

Test Standard	API 598 / EN 12266-1 / GB/T 13927
Sealing Class	Zero Leakage (ISO 5208 Rate A / API 598)

3. TEST CONDITIONS

Test Item	Test Pressure	Hold Time	Temp.
Shell Test	60 bar (1.5 x PN40)	≥ 60 s	Ambient
Seat Test (Upstream)	44 bar (1.1 x PN40)	≥ 60 s	Ambient
Seat Test (Downstream)	44 bar (1.1 x PN40)	≥ 60 s	Ambient
Stem Seal Test	44 bar (1.1 x PN40)	≥ 60 s	Ambient
Flange Seal Test	40 bar (PN40)	≥ 60 s	Ambient

4. TEST RESULTS

Under 40 kg pressure (PN40) sealing test, no leakage was detected on body, seat, stem, or flange connections.

Sealing performance complies with API 598 / EN 12266-1 zero leakage standard.

5. EQUIPMENT & ENVIRONMENT

Equipment	Hydraulic Test Bench (Ref.: HTB-2023-A)
Test Medium	Water (with rust inhibitor)

Ambient Temperature	22 °C ± 2 °C

6. SIGNATURES

王顺江

Inspector

Date: 2026-08-27

TIANJIN JIANGRUI FLUID EQUIPMENT CO., LTD
INSPFCTION DFPARTMENT

QA Manager

Date: 2026-08-27

Declaration:

This certificate is issued in accordance with EN 10204 3.1 by the manufacturer's authorized inspection department and is valid only for the stated product.