

**Conformity declaration according to European Directive of "Equipments under pressure"
2014/68/EU, Annex III: conformity assessment procedures**

The undersigned manufacturer:

TECOFI SAS

83, Rue Marcel Mérieux - CS 92013 - 69969 Corbas Cedex FRANCE

Declare, under his own responsibility, that TECOFI products, intended to be launched on the market as equipment under pressure, defined according to several types below:

1) KNIFE GATE VALVES:

a) VG Standard type: **VG3400, VG4400, VG6400, VG6400C, VG6400CA, VGA4430, VGA6430.**

b) VGT Through conduit type: **VGT4400, VGT6400.**

c) VGS Under silo special type: **VGS4400⁽¹⁾, VGS6400⁽¹⁾.**

(1) Device complying with the requirements of European Directive 2014/68/EU « Pressure equipment » Article 4§3 : DN 150-400 G2/L1/L2.

2) TECFLY VPG BUTTERFLY VALVES:

a) Wafer type: **VPG4448, VPG4449.**

b) Lug type: **VPG4648, VPG4649, VPG4608, VPG4609.**

3) TECFLY VPE BUTTERFLY VALVES:

a) Wafer type: **VPE3448, VPE3449, VPE4448, VPE4449.**

b) Lug type: **VPE3648, VPE3649, VPE4648, VPE4649, VPE464816, VPE464916.**

4) TECFLY VPI BUTTERFLY VALVES:

a) Wafer type: **VPI4448, VPI4449, VPI4442.**

b) Lug type: **VPI4648, VPI4649, VPI4642, VPI464816, VPI464916, VPI464216.**

5) TECLARGE VP BUTTERFLY VALVES:

a) Wafer type: **VP3408, VP3409, VP4408.**

b) Flanged type: **VP3508, VP3509, VP4509.**

6) TECLARGE VPE BUTTERFLY VALVES:

a) Wafer type: **VPE4408, VPE4409, VPE4448, VPE4449.**

b) Flanged type: **VPE4508, VPE4509, VPE4548, VPE4549.**

c) Lug type: **VPE4608, VPE4609, VPE4638, VPE4639, VPE4648, VPE4649.**

7) TECFLON BUTTERFLY VALVES:

a) Wafer type: **VP4449, VP4449R.**

b) Lug type: **VP4649, VP4649R.**

8) BALL CHECK VALVES: CBL4240, CBL6240, CBL4141.

9) WAFER TYPE SWING CHECK VALVES: CB6441, CB6441-EPA.

10) WAFER TYPE DUAL PLATE CHECK VALVES: CB3449-EPA, CB3448N-EP.

Are in accordance with "Equipments under pressure" European Directive 2014/68/EU of May 15th, 2014 as regards the essential safety requirements of appendix I and the conformity assessment procedures which are applicable to them, as:

- Category I devices according to the prescriptions of appendix III module A of the European Directive 2014/68/EU: Manufacturing internal control.

Or

- Category II or III devices according to the prescriptions of appendix III module H of the European Directive 2014/68/EU: Equipments identified above, manufactured within the limit of 06/21/2023, were the object of the manufacturing internal control with final check surveillance by the **Bureau Veritas Services SAS** located 8 Cours du Triangle 92800 PUTEAUX – LA DEFENSE (Notified organization n° 0062) **in conformance with the appendix III module H of the equipments under pressure directive. (Certificate n° CE-0062-PED-H-TEF 001-20-FRA)**

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation.

Applied harmonized standards:

- Standard EN 12516-2+A1 (2021)
- Standard EN 12516-4+A1 (2018)
- Standard EN 16668+A1 (2018)
- Standard EN 12266-1 (2012)
- Standard EN 19 (2016)

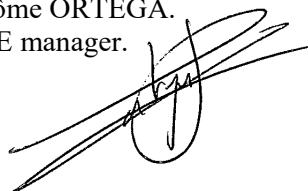
Other applicable directives:

- 2014/34/EU and 2006/42/EC.

CORBAS, on October 27th, 2023.

Jérôme ORTEGA.

QSE manager.





EC DECLARATION OF CONFORMITY

The equipment which accompanies this declaration is in conformity with EU Directive(s):-
2014/35/EC/ Low Voltage Directive
2014/30/EC Electromagnetic Compatibility Directive

Manufacturer

Name: Tianjin T. Crystal Actuator Co, Ltd.

Address: 10-2-3 workshop, Zhonglian Industrial Park, Xiqing automotive industrial area,
Tianjin tian

Tel: +86-22-59955730

E-mail: service@tcystal.cn

A copy of the Technical file for this equipment is available from:

TUV SUD Certification and Testing(China)Co.,Ltd. Guangzhou Branch
5F, Communication Building, 163 Pingyun Rd, Huangpu Ave.West,,Guangzhou,
510656,P.R.China

Description of Equipment

Product: intelligent modulating actuator control module

Model: TCN-005X,TCR-005X,TCN-01X,TCR-01X,TCN-02X,TCR-02X,TCN-05X,
TCR-05X,TCN-08X,TCR-08X,TCN-11X,TCR-11X,TCN-20X,TCR-20X,
TCN-40X,TCR-40X,TCN-100X,TCR-100X,TCN-200X,TCR-200X

The following harmonized standards have been used:

EN 60730-1:2016/A1:2019 Automatic electrical controls. General requirements

EN 60730-2-14:2019 Automatic electrical controls Particular requirements for electric
actuators

EN IEC 61000-6-4:2019 Electromagnetic compatibility (EMC) Generic standards -
Emission standard for industrial environments

EN IEC 61000-3-2:2019 Electromagnetic compatibility (EMC). Limits. Limits for harmonic
current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013+A1:2019 Electromagnetic compatibility (EMC). Limits. Limitation of
voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for
equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 55011:2009+A1:2010 Industrial, scientific and medical equipment. Radio-frequency
disturbance characteristics. Limits and methods of measurement

Authorized signatory of manufacturer/authorized EU representative:

Name: Zhao Ye

Position: General manager

Place of signature: Tianjin

Date:2021-6-21

Company stamp and legal signature:

