



国家防爆

Electrical Apparatus for Explosive Atmospheres  
**CERTIFICATE OF CONFORMITY**

Cert. No. CNEx14.2146X

**Manufacturer** Shanghai Chenzhu Instrument Co.,Ltd.  
Address: Building6, No.201 MinyiRoad, Songjiang District, Shanghai,  
P.R.China

**Name of Product** surge protective device (SPD)

**Type of Product** T-24-EX-L

**Ex-marking** Ex ia II C T6 Ga (-40°C ~ +60°C)

**Standard** Q/ IROL 1-2014

**Drawing No.** T-5-EX-L.0-4.0

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB3836.1-2010 《Explosive atmospheres-Part 1: Equipment-General requirements》

GB3836.4-2010 《Explosive atmospheres-Part 4: Equipment protection by intrinsic safety "i"》

**Note** See annex.

**Valid Date** August 12, 2014 to August 11, 2019

**Issue Date** August 12, 2014

**Director**



**CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE  
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS**

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Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).

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1. This certificate covers the following types: T-5-EX-L、T-5-EX-L3、T-5-EX-L4、T-5-EX-G、T-5-EX-G4、T-24-EX-L、T-24-EX-L3、T-24-EX-L4、T-24-EX-G、T-24-EX-G4.

2. The related information between Ex-marking and ambient temperatures:

Ex-marking	Ambient temperatures (°C)
Ex ia IIC T4 Ga	-40~+80
Ex ia IIC T5 Ga	-40~+75
Ex ia IIC T6 Ga	-40~+60

3. Safety measure(s) to avoid contact of enclosure surface is necessary to prevent ignition risks caused by static electric charge.

4. Internal intrinsic parameters:

Type	Ui(V)	Ii(mA)	Pi(W)	Ci(μF)	Li(mH)
T-5-EX-L、T-5-EX-G、 T-5-EX-L3、T-5-EX-L4、 T-5-EX-G4	6	500	0.75	0	0
T-24-EX-L、T-24-EX-G T-24-EX-L4、T-24-EX-G4	28	100	0.7	0	0
T-24-EX-L3	28	50	0.35	0	0
The output electric parameter of product (Uo、Io、Po、Co、Lo) and the output electric parameter of associated apparatus (Uo、Io、Po、Co、Lo) are the same.					

Issue Date August 12, 2014

Director

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