

 	IECEx Certificate of Conformity		
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres <small>for rules and details of the IECEx Scheme visit www.iecex.com</small>			
Certificate No.:	IECEx CQM 12.0002X	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2012-01-10	Page 1 of 3	
Applicant:	Warom Technology Incorporated Company No. 555, Baoqian Road, Jiading District, Shanghai City Postal code: 201 808 China		
Electrical Apparatus: Optional accessory:	Explosion-proof emergency light fittings for fluorescent lamp Type BAY51-Q□×□J		
Type of Protection:	Ex "d", "e", "q", "tD"		
Marking:	Ex d e q IIC T4 Gb / Ex tD A21 IP66 T80°C		
Approved for issue on behalf of the IECEx Certification Body:	Zhang Wei		
Position:	President		
Signature: (for printed version)	_____		
Date:	_____		
<p>1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.</p>			
Certificate issued by:			
China Quality Mark Certification Group Co., Ltd. No. 33 Zengguang Road, Haidian District, Beijing City, Postal code: 100037 China			

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Manufacturer:	Warom Technology Incorporated Company No. 555, Baoqian Road, Jiading District, Shanghai City Postal code: 201 808 China													
Additional Manufacturing location (s):														
<p>This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.</p> <p>STANDARDS: The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:</p> <table><tr><td>IEC 60079-0 : 2007-10 Edition: 5</td><td>Explosive atmospheres - Part 0:Equipment - General requirements</td></tr><tr><td>IEC 60079-1 : 2007-04 Edition: 6</td><td>Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"</td></tr><tr><td>IEC 60079-5 : 2007-03 Edition: 3</td><td>Explosive atmospheres - Part 5: Equipment protection by powder filling "q"</td></tr><tr><td>IEC 60079-7 : 2006-07 Edition: 4</td><td>Explosive atmospheres - Part 7: Equipment protection by increased safety "e"</td></tr><tr><td>IEC 61241-0 : 2004 Edition: 1</td><td>Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements</td></tr><tr><td>IEC 61241-1 : 2004 Edition: 1</td><td>Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"</td></tr></table> <p><i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i></p> <p>TEST & ASSESSMENT REPORTS: <i>A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in</i></p>			IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0:Equipment - General requirements	IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"	IEC 60079-5 : 2007-03 Edition: 3	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"	IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements	IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"
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Test Report:
[CN/CQM/ExTR12.0002/00](#)

Quality Assessment Report:
[CN/CQM/QAR07.0003/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The BAY51-Q□×□J explosion-proof emergency light fittings for fluorescent lamp has emergency function. It serves for illumination of factory, shops and stores in hazardous locations or as emergency lighting during interferences in power supply. Inside in the enclosure of BAY51Q are a ballast with type of protection "eq", an emergency controller with type of protection "eq", a battery pack, 2 explosion-proof distance switches with type of protection "de". All of these 3 Ex components were certified. YK36DF-2CS, YK18DF-2CS explosion-proof electronic ballasts were certified under IECEx CQM 07.0005U. BZX-6 explosion-proof distance switches were certified under IECEx CQM 07.0006U. BY-2 explosion-proof emergency controllers were certified under IECEx CQM 11.0041U.

Rating

230VAC, 50Hz/60Hz, 36×1W, 36×2W, 18×1W, 18×2W

CONDITIONS OF CERTIFICATION: YES as shown below:

Tamb: -20℃ to +55℃