



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: issue No.:

Status:

Date of Issue: **2011-12-09** Page 1 of 3

Applicant: **Power-Genex Ltd.**
44B9L, 434-9, Nonhyun-Dong, Namdong-Gu, Incheon,
405-849,
Korea, Republic of

Electrical Apparatus: **Valve Monitoring Controller**

Optional accessory:

Type of Protection: **Flameproof Enclosure "d"**

Marking: **Ex d IIB+H2 T6 Gb Tamb : -30°C ~ 75°C**

Approved for issue on behalf of the IECEx
Certification Body:

Hee-soo Kim

Position:

Managing Director

Signature:
(for printed version)

Date:

2011-12-9

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](http://www.iecex.com)

Certificate issued by:

Korea Testing Laboratory
222-13, Guro-Dong, Guro-Gu
Seoul, 152-718
Korea, Republic of





IECEx Certificate of Conformity

Certificate No.: IECEx KTL 11.0021X

Date of Issue: 2011-12-09

Issue No.: 0

Page 2 of 3

Manufacturer: **Power-Genex Ltd.**
44B9L, 434-9, Nonhyun-Dong, Namdong-Gu, Incheon, 405-849
Korea, Republic of

Manufacturing location(s):

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.

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:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[KR/KTL/ExTR11.0024/00](#)

Quality Assessment Report:

[KR/KTL/QAR11.0002/00](#)



IECEx Certificate of Conformity

Certificate No.: IECEx KTL 11.0021X

Date of Issue: 2011-12-09

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

LSB-7 series valve monitoring controller with built-in solenoid and more feedback options designed to provide an outstanding performance under harsh working environments.

LSB-7 series

LSB-7 ab - c - de - fgh - ij

a = switch type : 0, 1

b = switch/sensor : N, 0, 2, 4, 6, 7, 8, 9

c = position transmitter : N, O

d = coil type : N, S, D

e = pilot power supply : N, A, B, C

f = indicator option : N, L, T

g = electrical connections : A, B, C, E, F, H, I

h = pneumatic connections : R, N

i = feedback shaft : F, N

j = Mounting bracket : N, R

CONDITIONS OF CERTIFICATION: YES as shown below:

Warning : Potential Electrostatic Charging Hazard - See Instructions

The non-metallic parts incorporated in the enclosure of this equipment may generate an ignition capable level of electrostatic charge. The equipment shall only be cleaned with a damp cloth.