POWER-GENEX®

EU Declaration of Conformity

We herewith declare , **Power-Genex Ltd.**
99, Eunbong-ro, Namdong-gu,
Incheon 21639 Korea

declare that the DoC is issued under our sole responsibility and belongs to the following product:

Product Name	**:**	**Electro-Pneumatic Positioner**
Product Model	**:**	**EPL, EPR Series**

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

EMC Directive 2004/108/EC(until 19th April, 2016) and
EMC Directive 2014/30/EU(from 20th April, 2016)

ATEX Directive 94/9/EC(until 19th April, 2016) and
ATEX Directive 2014/34/EU(from 20th April, 2016)

The following harmonised standards and technical specifications have been applied:

EN 61000-6-1 : 2007 / EN 61000-6-2 : 2005 / EN61000-6-3 : 2007 / EN 61000-6-4 : 2007
EN 60079-0 : 2009 / EN 60079-11 : 2007 / EN 13463-1 : 2009 / EN 13463-5 : 2010

EC-Type Examination Certificate : INERIS 12ATEX0030X

Conformity with the requirements of these Directives is proven by complete adherence to the following standards.

- Date : Apr 20, 2016

Koh Sung-won, Head of R&D

Lee Soon-hyuk, Head of Quality Management

This declaration certifies the conformity to the specified directives but contains no assurance of properties.

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres Directive 94/9/EC**

(1) # EC-TYPE EXAMINATION CERTIFICATE

(3) Number of the EC type examination certificate: **INERIS 12ATEX0030X**

(4) Equipment or protective system:

ELECTRO-PNEUMATIC POSTIONER TYPE EPL/EPR...

(5) Manufacturer: **POWER-GENEX Ltd.**

(6) Address: 44B9L, 434-9, Nonhyun-Dong, Namdong-Gui
Incheon, 405-848 KOREA

(7) This equipment or protective system and any other acceptable alternative of this one are described in the annex of this certificate and the descriptive documents quoted in this annex.

(8) INERIS, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC of the 23rd March 1994, certifies that this equipment or protective system fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, described in annex II of the Directive.

The examinations and the tests are consigned in report No 026098/12.

(9) The respect of the Essential Health and Safety Requirements is ensured by:

- conformity with:

EN 60079-0	:	2009
EN 60079-11	:	2007
EN 13463-1	:	2009
EN 13463-5	:	2010

- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.

Only the entire document including annexes may be reprinted. IM1337AC

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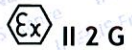
Institut national de l'environnement industriel et des risques
Etablissement public à caractère industriel et commercial - RCS Senlis B 381 984 921 - Siret 381 984 921 00019 - APE 7120B

(10) Sign X, when it is placed following the Number of the EC type examination certificate, indicates that this equipment and protective system is subjected to the special conditions for safe use, mentioned in the annex of this certificate.

(11) This EC type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system, these are not covered by this certificate.

(12) The marking of the equipment or the protective system will have to contain:



Verneuil-en-Halatte, 2012.07.18

Director of the Certifying Body,
By delegation
T. HOUEIX
Certification Officer
Certification Division

(13) # ANNEX

(14) EC TYPE EXAMINATION CERTIFICATE N°INERIS 12ATEX0030X

(15) DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

Electro-Pneumatic Positioner is a valve control device made in Aluminum and protected by intrinsic security "Ex i" and constructional safety "c" for the mechanical part.

The equipment comprises the following major parts:

- Torque motor with 4-20 mA input signal
- Pilot Valve
- Gauge
- Dome indicator (only for EPR)

The equipment gets the protection degrees IP66 according to EN 60529.

PARAMETERS RELATING TO THE SAFETY

Ui : 28V
Ii : 100mA
Pi : 1W
Ci = 0
Li = 2µH

MARKING

Marking has to be readable and indelible; it has to include the following indications:

POWER-GENEX Ltd.
Incheon, 405-848 KOREA
EPL/EPR...(*)
INERIS 12ATEX0030X
(Serial number)
(Year of construction)

II 2 G
Ex ia IIC T6 Ga
c IIC T6
T.Amb : -20°C to + 70°C

WARNING : POTENTIAL ELECROSTATIC CHARGING HAZARD - SEE INTRUCTIONS

WARNING : POTENTIAL ELECROSTATIC CHARGING HAZARD - SEE INTRUCTIONS

(*) The dots are replaced by a codification according to the manufacturing variations. The different types are indicated in the descriptive documents.

Marking may be carried out in the language of the country of use.

The protective system or equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS

None.

(16) DESCRIPTIVE DOCUMENTS

The descriptive document quoted hereafter constitutes the technical documentation of the equipment, subject of this certificate.

- Certification file EPL/EPR dated and signed on 2011.08.30

(17) SPECIAL CONDITIONS FOR SAFE USE

For the risk of electrostatic discharge, the user will have to read the instructions.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is ensured by:

- Conformity to the standards quoted in clause (9).
- All provisions adopted by the manufacturer and defined in the descriptive documents.