



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEx BAS 17.0095X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 2	<a href="#">Issue 1 (2020-07-06)</a> <a href="#">Issue 0 (2018-05-22)</a>
Date of Issue:	2023-01-27		
Applicant:	<b>Simco (Nederland) B.V.</b> Aalsvoort 74 NL-7241 MB Lochem <b>Netherlands</b>		
Equipment:	<b>Performax (IQ) Easy Ex (Speed) (Distance)</b>		
Optional accessory:			
Type of Protection:	<b>Encapsulation, Special Protection</b>		
Marking:	<b>Ex mb sb IIB T4 Gb</b> <b>Ex mb sb IIB T135°C Db</b> <b>Tamb = 0°C to +40°C</b>		

Approved for issue on behalf of the IECEx  
Certification Body:

**R.S. Sinclair**

Position:

**Technical Manager**

Signature:  
(for printed version)

M POWNEY  
Certification  
Manager

Date:  
(for printed version)

27/1/2023

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Certificate issued by:

**SGS Baseefa Limited**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton, Derbyshire, SK17 9RZ**  
**United Kingdom**





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Manufacturer: **Simco (Nederland) B.V.**  
Aalsvoort 74  
NL-7241 MB Lochem  
**Netherlands**

Manufacturing  
locations: **Simco (Nederland) B.V.**  
Aalsvoort 74  
NL-7241 MB Lochem  
**Netherlands**

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 equipment 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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-18:2017** Explosive atmospheres - Part 18: Protection by encapsulation "m"  
Edition:4.1

**IEC 60079-33:2012** Explosive atmospheres – Part 33: Equipment protection by special protection “s”  
Edition:1.0

This Certificate **does not** indicate compliance with 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 Reports:

[GB/BAS/ExTR17.0280/00](#)

[GB/BAS/ExTR20.0111/00](#)

[GB/BAS/ExTR22.0034/00](#)

Quality Assessment Report:

[GB/BAS/QAR18.0002/03](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Performax (IQ) Easy Ex, Performax (IQ) Easy Ex Speed, and Performax (IQ) Easy Ex Distance static bars are designed to neutralize electrostatically charged surfaces.

The two types of static bars have different recommended use, mainly due to different emitter spacings. Optionally the bars can be mounted to different air knife versions to increase the ionisation distance further or to be suitable for cleaning applications.

The bars are available with a minimum effective length of 90 through 2790mm in increments depending on emitter spacing.

All bars have an integrated high voltage power supply, resistively coupled ionizing emitters and a status LED. They are connected with a 5-wire low voltage cable which optionally has a mechanical protection hose.

The IQ versions can be controlled and monitored remotely via a RS-485 connection through the IQ Easy platform.

Rated supply = 24V d.c. nominal.

RS-485 connection (IQ versions only), rated voltage = 5V.

"Remote on/off" input connection (non-IQ versions only), rated voltage = 30V d.c..

"HV\_OK" output connection (non-IQ versions only), not for connection to voltage sources.

## SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The equipment must be supplied via a fuse rated 500mA capable of breaking a 1500A short circuit current.
2. The equipment must be installed in a manner that provides complete protection against impact.
3. The equipment certification temperature range is 0°C to +40°C.



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

### Variation 2.1

To assess the Performax (IQ) Easy Ex (Speed) (Distance), against the following standards: IEC 60079-0: 2017 Edition 7

### Variation 2.2

To assess the Performax (IQ) Easy Ex (Speed) (Distance), against the following standards: IEC 60079-18 (Ed 4.1) 2017

### Variation 2.3

Addition of two air relief holes to the aluminium enclosure

ExTR: **GB/BAS/ExTR22.0034/00**

File Reference: **22/0046**