

UK-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

- UK-Type Examination Certificate Number: **BAS22UKEX0025X**
- Product: **Performax (IQ) Easy Ex (Speed) (Distance)**
- Manufacturer: **Simco (Nederland) B.V.**
- Address: **Aalsvoort 74, NL-7241MB Lochem, Netherlands**
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
- The examination and test results are recorded in confidential Report No. **22(C)0046**
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 EN 60079-18:2015+A1:2017
- except in respect of those requirements listed at item 18 of the Schedule.
- If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- This UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- The marking of the product shall include the following :

⊕ II 2GD Ex mb IIB T4 Gb

Ex mb IIB T135°C Db

SGS Baseefa Customer Reference No. **2763**

Project File No. **22/0046**

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R S SINCLAIR
TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS22UKEX0025X**

15 **Description of Product**

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.

16 **Report Number**

22(C)0046

17 **Specific Conditions of Use**

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.

18 **Essential Health and Safety Requirements**

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
14	Overloading of equipment (protection relays, etc.)
16	Hazards arising from different ignition sources
21 (1)	External effects
21 (2)	Aggressive substances, etc

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
Baseefa17ATEX0012X				
15303020	1	F	17-01-2023	Nameplate Performax (IQ) Easy Ex
15303070	1	B	June 30, 2020	Nameplate Status Module Performax (IQ) Easy Ex