

**SUPPLEMENTARY
REGULATIONS SPECIFIC TO
CERTIFICATION OF PRODUCTS
INTENDED FOR USE IN
POTENTIALLY EXPLOSIVE
ATMOSPHERES**



INTRODUCTION

One of the conditions placed on all holders of Sira Certificates is that they shall accept and comply with the current version of 'Regulations Applicable to the Holders of Sira Certificates' (SCS/SF/053) and any applicable supplementary regulations.

These supplementary regulations are applicable to manufacturers of products intended for use in potentially explosive atmospheres and to certificates issued under the IECEx Scheme (equipment) and UK Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (amended), hereafter abbreviated to UKCA Regulations.

Definition of Terms

'Manufacturer' An organisation, situated at a stated location or stated locations, that carries out or controls such stages in the manufacture, assessment, handling and storage of a product that enables it to accept responsibility for continued compliance of the product with the relevant requirements and undertakes all obligations in that connection.

'Certificate Holder' The party responsible for ensuring that certificated products meet and continue to meet the requirements on which the certification is based.

'Product' Equipment (including electrical apparatus and intrinsically safe electrical systems), protective systems, devices, components and their combinations.

This means that a **'certificate holder'** (and therefore the **'manufacturer'**) of a certificated **'product'** is responsible for ensuring that the **'product'** meets and continues to meet the requirements on which the certification is based.

These supplementary regulations summarise the various conditions, requirements and guidance contained in the following publications:

- Regulations applicable to the holders of Sira certificates (SCS/SF/053)
- Accreditation Logo & Symbols -The National Accreditation Logo and Symbols: Conditions for Use by UKAS and UKAS Accredited Organisations (June 2018)
- ISO/IEC 17065: 2012 – Conformity assessment – Requirements for bodies certifying products, processes and services
- ISO/IEC Guide 23: 1982 – Methods of indicating conformity with standards for third-party certification systems
- Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 – Guidance, November 2020. (UKCA)

CERTIFICATES ISSUED

The types of certificate issued under the IECEx Scheme (Equipment) and UKCA Regulations are:

UKCA Regulation	Certificate Type
Schedule 3A, Part 2: Type Examination	UK Type Examination Certificate
Schedule 3A, Part 3: Conformity To Type Based on Quality Assurance of the Production Process	UK Quality Assurance Notification Certificate
Schedule 3A, Part 4: Conformity To Type Based on Product Verification	
Schedule 3A, Part 5: Conformity To Type Based on Internal Production Control plus Supervised Testing	
Schedule 3A, Part 6: Conformity To Type Based on Product Quality Assurance	
Schedule 3A, Part 7: Internal Production Control	UK Type Examination Certificate
Schedule 3A, Part 8: Conformity Based on Unit Verification	UK Unit Verification Certificate

IECEx Scheme	Certificate Type
IECEx 01: IEC Conformity Assessment Systems – Basic Rules General Rules	IECEx Certificate of Conformity issued based on valid IECEx ExTR (test report) and IECEx QAR (Quality Assessment Report)
IECEx 01S: IECEx Supplement to Harmonized Basic Rules	
IECEx 02: IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEx System) – Rules of Procedure	IECEx Unit Verification

Holders of UKCA type-examination certificates are required to comply with relevant conformity assessment procedures defined in Schedule 3A, in addition to requirements defined in parts 2 and 3 of the UKCA Regulation.

Holders of IECEx equipment Certificates of Conformity are required to obtain an IECEx Ex TR and maintain a valid QAR.

Modifications to certificated products

Certificate holders are required to inform Sira of any modification that affects any of the documents, drawings or other information referred to in the certificate. Modifications to a certificated product are not permitted until a new updated certificate has been issued by Sira.

Modifications to certificated quality management systems

Holders of Sira Quality Assurance certificates shall liaise with Sira with respect to any intended updating of their quality management system.

Verification of continued effectiveness of quality management systems

The certificate holder shall allow and facilitate access to the manufacturer's premises, or at any premises where certified products and components are manufactured, at intervals prescribed by Sira. Furthermore, Sira reserves the right to carry out unexpected, additional visits to any premises where certified products and components are manufactured and/or stored.

Conditions relating to the use of marks of conformity

The UK marking requirements for equipment and protective systems intended for use in potentially explosive atmospheres are defined in UKCA Regulation. Figure 2 below shows the UKCA mark which must be accompanied by the Approved Body number 0518, for holders of a UKCA Quality Assurance Notification certificate issued by Sira Certification Service. Artwork and details are available from here:

<https://www.gov.uk/guidance/using-the-ukca-mark-from-1-january-2021>

For certified products and components where it is not possible to affix marks of conformity to the product because of the product's size or nature, marking affixed to packaging and accompanying documents may be possible. For all certified products, marking should comply with all requirements contained in certificates and test reports issued, and relevant IEC standards used to certify the product.

These supplementary regulations summarise the specific conditions, requirements and guidance for the use of all marks of conformity relating to products intended for use in potentially explosive atmospheres. General conditions relating to the use of certification marks are given in the Regulations Applicable to the Holders of Sira Certificates (SCS/SF/053). The minimum vertical dimension of the UKCA and UKNI marking shall not be less than 5 mm.



Fig 1 – Specific Marking of Explosion Protection –UKCA

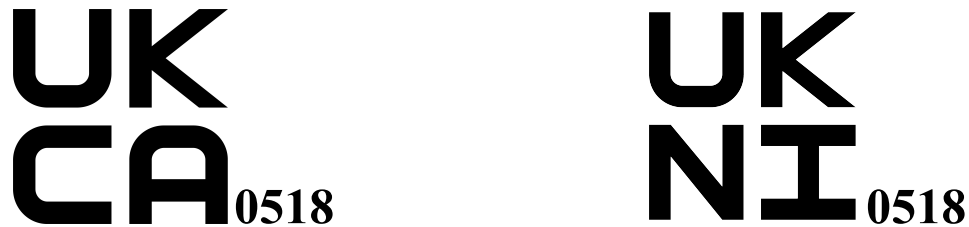


Fig 2 – Specific Marking UKCA and UKNI

Refer to the following links for guidance on use of marks. Use of the 0518 number is only applicable for holders of a UKCA Quality Assurance Notification from Sira Certification Service.

UKCA: <https://www.gov.uk/guidance/using-the-ukca-mark-from-1-january-2021>

UKNI: <https://www.gov.uk/guidance/using-the-ukni-marking-from-1-january-2021>

For IECEx certified products, a licensed mark is available, refer to IECEx 04 regulations and contact Sira if required. Unless a valid license is held, marking is limited to that seen in Sira certificates and test reports issued. Refer also to IECEx 01B for use on the IECEx logo.

The UKCA Approved Body Identification Number

The Approved Body identification number, 0518 is assigned by the European Commission. The number is used by the manufacturer in the following ways

- marked next to the UKCA marking on product labels to indicate that Sira Certification Service is the Approved Body engaged in the production control phase (see Fig 2)
- included in manufacturer declarations of conformity to indicate that Sira Certification Service is the Approved Body that has issued a UKCA Type Examination Certificate or has stored a Technical File on behalf of the manufacturer.

The Sira mark

The Sira name is registered under the Trade Marks Act 1994. The Sira mark is shown in Fig. 3. Holders of Sira certificates are licensed to use the Sira mark on certificated products providing that the serial number of the Sira certificate appears centrally under the Sira mark. An example showing how the Sira mark may be incorporated into a product label is shown in Fig. 5.



Fig 3 – Sira Mark – incorporating certificate serial number

The UKAS product certification mark

The UKAS product certification mark is shown in Fig. 4. Holders of Sira certificates are licensed to use the UKAS mark on certificated products. Only certificate holders having certificates bearing the UKAS mark may reproduce that mark on products. The Sira accreditation number (0011) shall appear centrally under the UKAS mark. The Sira mark shall appear alongside the UKAS mark with the Sira certificate number appearing centrally under the Sira mark. Both marks shall be enclosed in a box.

Certificate holders are also permitted to use the UKAS mark on stationery and publicity material. Only certificate holders having certificates bearing the UKAS mark may reproduce that mark on stationery and publicity material. The Sira accreditation number (0011) shall appear centrally under the accreditation mark. The UKAS product certification mark may be uniformly enlarged or reduced, but shall not usually be less than 20 mm in height. The UKAS mark and the Sira accreditation number shall be considered as a single entity for purposes of enlargement or reduction. Where the UKAS mark appears on products, stationery and publicity material, the Sira mark shall appear alongside the UKAS mark with the Sira certificate number appearing centrally under the Sira mark. Both marks shall be enclosed in a box.

The UKAS mark shall not be displayed on vehicles, buildings or flags.

The UKAS mark shall not be displayed without the Sira mark. Both marks shall be displayed in a box.

Holders of Sira certificates, which bear the UKAS mark, may use the Sira mark without the UKAS mark on products, stationery and publicity material.



Fig 4 – UKAS Product Certification mark

CSA Group

CSA marks are generally only for use with North American certification and not applicable to Sira UKCA and IECEx certification. For more information on CSA Group marks, visit <https://www.csagroup.org/testing-certification/marks-labels/>