

Module G

Conformity Based on Unit Verification

Conformity to type based on unit verification is that part of the conformity assessment procedure whereby the manufacturer guarantees and declares on his sole responsibility that the pyrotechnic articles concerned meet the essential safety requirements of The Pyrotechnic Articles (Safety) Regulations 2015, SI 2015 No. 1553 as amended (hereinafter „The Pyrotechnics Articles (Safety) Regulations 2015

This module is applicable only to a physical producer of the products in question.

The applicant shall send a list of pyrotechnic articles (preferably a in tabular form) that are subject to the said module including their technical documentation. The technical documentation shall enable to carry out the conformity assessment in accordance with relevant requirements and shall contain appropriate risk analysis. All applicable requirements and descriptions of the design, production and use of the products shall be provided in the documentation. It shall further contain:

- general description of the product;
- conceptual drawings, production drawings and drawings of respective parts, subassemblies, schemes, circuits, etc.;
- descriptions and explanations necessary to understand the given drawings and way of use of the product;
- list of designated standards applicable in full or partially; in case of partially applicable standards the documentation shall specify, which parts they apply to;
- results of construction calculations, performed tests, etc.;
- test reports.

The Conformity Assessment Body (CAB) will provide the applicant information about designated standards that are going to be used for the purpose of the conformity assessment in order to demonstrate conformity of the product(s) with the essential safety requirements of The Pyrotechnics Articles (Safety) Regulations 2015.

If the applicant wishes to carry out the conformity assessment according to his own procedure and not pursuant to the designated standards, the applicant shall submit such procedure to the CAB before commencing the conformity assessment together with a study comparing the results obtained under his own procedure and those achieved under the designated standard.

On the basis of the submitted study, the CAB will assess whether the proposed procedure allows appropriate quantitative and qualitative evaluation of the parameters under review, and, at the same time, the CAB will evaluate reproducibility of the test method proposed. The procedure must enable to assess whether the product meets the essential safety requirements of The Pyrotechnics Articles (Safety) Regulations 2015.

If the applicant does not provide the comparative study or the assessment by the CAB does not sufficiently demonstrate the objectivity of the evaluation of the parameters under review, the CAB will test the parameters according to the procedure proposed by the applicant as well as pursuant to the designated standard. The safety parameters will be tested and the essential safety requirements will be evaluated pursuant to both procedures automatically. *)

On the basis of the test results obtained in accordance with both procedures, the Head of the CBCP approves or eventually rejects the conformity assessment procedure proposed by the applicant. The CAB shall inform the applicant of the outcome of the evaluation. If the applicant's conformity assessment procedure is rejected, the CAB will assess the conformity of the product(s) concerned according to the designated standard, or, in cooperation with the applicant, will decide on an alternative method of the conformity assessment which will allow an objective appraisal of the given parameters and fulfilment of the essential safety requirements of The Pyrotechnics Articles (Safety) Regulations 2015.

Subsequently, the CAB will send the applicant a price proposal for the conformity assessment under the said module. If the applicant accepts the price proposal, the applicant shall send the CAB completed form "Application Form for Conformity Assessment UKCA" KOTA D-608. This form shall be filled completely and legibly. The applicant shall confirm binding and truthfulness of the provided data by adding his signature and imprint of a company stamp. Where the applicant wishes to carry out the conformity assessment on several products, the entries in the boxes 'Product name', 'Product type' and 'Derived variants' may be replaced by a reference to an annex to the application, in which the required data are presented in tabular form.

The CAB shall review the technical documentation and conduct additional tests, if necessary. If the product is found to be compliant with the essential safety requirements of The Pyrotechnics Articles (Safety) Regulations 2015 and all applicable requirements of designated standards, the CAB shall draw up a Certificate of Conformity (form KOTA D-605) related to the product(s) concerned.

The certificate will be sent to the applicant together with a commercial invoice. At the same time, the CAB will authorize the applicant to affix the UKCA mark to relevant product(s) accompanied by No. 1395. Labelling and marking the products with the UKCA mark is being checked during the conformity assessment.

If the product does not meet the essential safety requirements of The Pyrotechnics Articles (Safety) Regulations 2015 or other applicable requirements, the CAB will refuse to issue the Certificate of Conformity. The CAB shall provide the applicant detailed reasoning for such decision. At the same time, the CAB shall instruct the applicant about the possibility to appeal against the decision and how to file the appeal.

****) Remark:***

Tests for the purpose of conformity assessment under The Pyrotechnic Articles (Safety) Regulations 2015, SI 2015 No. 1553 as amended can be carried out in two locations:

- 1. Accredited laboratory, Authorized Body SKTC-112, Slovak Republic*
- 2. Accredited laboratory TCPL, P.R. China*

Test procedures are identical in both cases. Both laboratories follow the designated standards, which they are accredited to.