

Conformity with Type Based on Internal Production Control and Supervised Product Testing at Random Intervals

Within this module, the manufacturer declares that the pyrotechnic articles in question are in conformity with the type described in the type examination certificate and comply with the essential safety requirements of The Pyrotechnic Articles (Safety) Regulations 2015, SI 2015 No. 1553 as amended (hereinafter „The Pyrotechnics Articles (Safety) Regulations 2015“) respectively.

Although this module describes carrying out checks at random intervals, the conformity assessment is executed after a complete batch of pyrotechnic articles is produced.

The applicant shall send a list of pyrotechnic articles (preferably in tabular form) for which it requires to carry out the conformity assessment including the quantity of individual products contained in the concerned batches. If module B on these products was performed by another Conformity Assessment Body (CAB), applicant shall also send a copy of all final documents issued by this CAB (certificates including all amendments, final reports, test protocols, certificate attachments ...) describing parameters of the individual products at the type examination. At the same time, the applicant shall also send a complete technical documentation of the products if it is not part of the aforementioned documents. The applicant shall inform about the place and the date for picking up the samples necessary for carrying out the tests. *)

The CAB shall send the applicant a price proposal for the conformity assessment including determination of the number of test samples for each individual product. The number of samples required to perform the tests shall be determined in accordance with relevant designated standard (i.e. EN 15947-5, EN 16261-2, EN 16263-2 or EN 16256-3) depending on the article type or pursuant to ISO 2859-1. Every variant within a type examined family of pyrotechnic articles is considered to be a separate batch. The scope of the tests shall be determined in accordance with requirements of relevant designated standard.

The CAB shall provide the applicant with information on the standards under which the conformity assessment will be carried out.

If the applicant wishes to carry out the conformity assessment according to his own procedure, the applicant shall submit details of this 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 relevant designated standard.

On the basis of the submitted study, the CAB will assess whether the proposed procedure allows a quantitative and qualitative evaluation of the parameters under review, and, at the same time, the CAB will evaluate the reproducibility of the proposed test method.

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 parameters under review, CAB will physically test the parameters both pursuant to the procedure proposed by the applicant and pursuant to the standard. The safety parameters will be tested automatically according to both procedures.

On the basis of the test results according to both procedures, the Head of the CBCP approves or rejects the applicant's own conformity assessment procedure. The CAB shall inform the applicant of the assessment outcome of the conformity assessment procedure proposed by the applicant. If the actual conformity assessment procedure has been rejected, the CAB will assess the conformity according to the designated standards, or, in cooperation with the applicant, agree on an alternative method of conformity assessment which will allow an objective conformity assessment of the given parameters.

In the case of approval of the price proposal, conditions and time of taking the required samples as well as the expected date of completion of the assessment, the applicant shall send to CAB the completed form “Application for conformity assessment UKCA” KOTA D-608. The form shall be completed in full and legible. The applicant shall confirm the truthfulness of the above data by his signature and imprint of company stamp.

CAB shall draw up a draft contract incorporating all relevant and pre-discussed conditions of conformity assessment. CAB shall send draft contract to applicant for comments. After approval of the contracts wording, both parties (the statutory representative of the applicant and the statutory representative of the CAB) will sign the contract.

If it is necessary to import test specimens from abroad under a signed contract, CAB shall request the competent governmental authority to issue an import license for samples of pyrotechnic articles necessary for carrying out the conformity assessment.

Upon receiving relevant license, CAB shall notify the applicant of its readiness to pick up the samples. Samples intended for the conformity assessment shall be labelled in accordance with the requirements of The Pyrotechnics Articles (Safety) Regulations 2015 and relevant standard(s).

The samples shall be taken over by personnel of the CAB or by personnel designated by the CAB when the said module takes place in accredited testing laboratory TCPL, P.R. China. After the batch has been produced, the personnel will be sent to manufacturer's warehouse upon his designation to draw the samples on the simple random sampling basis in accordance with procedure specified in ISO 3534-2 standard.

After taking over the samples, the CAB shall carry out tests pursuant to relevant designated standards or, where appropriate, according to mutually agreed procedure allowing objective assessment of the parameters under assessment.

Upon completion of the assessment, the CAB shall draw up a Final report of Conformity to Type (form „KOTA D-602“) indicating the batch which the certification document relates to. This document(s) together with a commercial invoice are sent to the applicant.

The CAB shall also authorize the manufacturer to affix the UKCA marking to the relevant products accompanied by the number 1395. The use of the UKCA marking on the product shall be checked during the batch test.

The Final report of Conformity to Type, and the authorisation to affix the UKCA marking respectively, is valid for products within the specific batch under review. If a new batch is produced, it is subject to a new Module C2 assessment.

If the samples do not meet the acceptable quality level given in relevant designated standards, the CAB shall call upon the manufacturer to take one of the following measures:

- a) Repair of nonconforming product
- b) Disposal of nonconforming product

The manufacturer shall notify the CAB of the method of disposal of the nonconforming product. In case of repair, it is necessary to test the unsatisfactory parameter again.

****) Remark:***

Tests for the purpose of the 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 subject SKTC-112, Slovak Republic*
- 2. Accredited laboratory TCPL, P.R. China*

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