



**Technical Guide**

***EXPLOSIVE FOR CIVIL USES AND PYROTECHNIC ARTICLES***  
***CERTIFICATION SCHEME***

**Directives 2013/29/EU and 2014/28/EU**



## 1. UVOD

The purpose of this Guide is to clarify all details relating to the conformity assessment procedure of the explosive materials. The following products constitute explosive materials:

- explosives for civil uses,
- explosive material detonators,
- pyrotechnic articles,
- products filled with explosives and
- raw materials with explosive properties used in the manufacture of other explosive materials.

This Guide also provides an overview of the conformity assessment procedure according with Directive 2014/28/EU and Directive 2013/29/EU. Conformity to requirements specified in the Directive is based on harmonized European standards. If no harmonized European standards are available then the certification is performed in accordance with the Essential Health and Safety Requirements of the Directives.

This Guide does not contain details of the assessment of production quality systems and products according to Modules C2, D, E and H which are described in the guide Certification of manufacturer's quality system (TU-PR-EXPL).

## 2. APPLICATION FOR CONFORMITY ASSESSMENT

To initiate the conformity assessment procedure, the manufacturer or manufacturer's representative must submit request and draft certification documentation. Applicant can use Fiditas's application form (available on Fiditas website). Upon receipt of the request, documentation will be evaluated and if found suitable, Fiditas will generate and send the offer to the Client together with the Agreement and manufacturer's statement. If the offer is accepted, the manufacturer submits an order and a copy of the Agreement and manufacturer's statement signed by the manufacturer and delivers certification documentation in accordance with Module B, F or G of the Directives. Fiditas will provide written confirmation of receipt of the order and will initiate the procedure.

The manufacturer or its authorized person can use the same form to submit an application for an addendum (to expand the scope of the certificate) or to request a new issue of the certificate.

## 3. TYPE EXAMINATION PROCEDURE

Type examination conformity assessment is performed according to Module B of the Directives. If the assessment results are satisfactory, Fiditas will issue EU-Type Examination Certificate to the Client with the following mark form „xxxx.EXP.gg.nnnn“ or „xxxx.PYR.gg.nnnn“. The certificate is issued without time limit of certificate validity.

Procedure for the issuing EU-Type Examination Certificate

The certification procedure is carried out in three phases:

- a) Evaluation of certification documentation
- b) Type testing of samples
- c) Evaluation of test results and issuing of certificate



Fiditas evaluates test results and the certification documentation submitted and if results of the assessment are satisfactory issues the EU-Type Examination Certificate to the Client.

If the assessment of test results and certification documentation identifies non-conformities with requirements, Fiditas will notify the Client, stating the reasons for refusal to issue certificate.

With receipt of this certificate the manufacturer does not acquire the right to manufacture and place product on the market, but must implement one of the modules in accordance with Directives requirements relating to quality system assessment (Module D, Module E or Module H) or conformity to type assessment (Module C2).

Responsibility for conformity of Ex products with Essential Health and Safety Requirements (EHSR) of the Directive lies with the manufacturer. In case where standards listed in EU TEC are no more harmonized with the Directive, manufacturer shall take the necessary action even if EU TEC has been issued without validity date.

#### **4. UNIT VERIFICATION CERTIFICATION**

Unit verification procedure is performed according to Modulu G of the Directive. If overall results of the evaluation are satisfactory, Fiditas will issue the Certificate of Conformity to the Client, marked "xxxx.EXP.gg.nnnn" or „xxx.PYR.gg.nnnn“. The certificate is issued without a time limit and confirms the current state of Ex-protection of the product.

The certification procedure is carried out in three phases:

- a) Evaluation of certification documentation
- b) Testing of product
- c) Evaluation of test results and issuing of certificate

Fiditas evaluates test results and the certification documentation submitted, and if results of the assessment are satisfactory issues the Certificate of Conformity to the Client.

If the assessment of test results and certification documentation identifies non-conformities with requirements, Fiditas will notify the Client, stating the reasons for refusal to issue certificate.

With receipt of this certificate the manufacturer acquires the right to place products on the market, issue a declaration of conformity and place Fiditas's number (xxxx) along with the marking CE.

#### **5. PRODUCT VERIFICATION (for explosive for civil uses only)**

The product is checked in accordance with Module F of Directive 2014/28/EU. If all of the evaluation results are satisfactory Fiditas will issue the customer an Certificate of Conformity marked „xxx.EXP.gg.nnnn“. The certificate is issued without a time limit.

The certification procedure is carried out in three phases:

- a) Evaluation of certification documentation
- b) Testing of product
- c) Evaluation of test results and issuing of certificate



Fiditas evaluates test results and the certification documentation submitted, and if results of the assessment are satisfactory issues the Certificate of Conformity to the Client.

If the assessment of test results and certification documentation identifies non-conformities with requirements, Fiditas will notify the Client, stating the reasons for refusal to issue certificate.

With receipt of this certificate the manufacturer acquires the right to place products on the market, issue a declaration of conformity and place Fiditas's number (xxxx) along with the marking CE.

## **6. OBJECTIONS, COMPLAINTS, DISPUTES AND WITHDRAWAL OF CERTIFICATES**

Any objections/complaints the Client may have concerning the certificate issued or any other unfavorable decision made by Fiditas throughout the certification process, shall be submitted to Fiditas in writing. If the complaint is not in writing, Fiditas will proceed in the manner it deems appropriate. Unfavorable decisions include:

- denial of applications,
- refusal to continue an assessment,
- requirements for corrective actions,
- changes to the scope of assessment
- denial, suspension or withdrawal of the certificate,
- any other activities that prevent the Client from acquiring and/or maintaining certificate.

Fiditas will process the objections/complaints according to its procedure, which can be obtained on request. The complainant will be notified of Fiditas position on the matter in writing. Fiditas will attempt to resolve the issue by agreement within a reasonable timeframe, but no longer than 30 days. If the objection/complaint has not been resolved in a positive manner, the Client may submit an appeal to the appropriate authority.

Before a decision is reached, the information in the complaint is reviewed and analyzed, and the Client is informed of the results in writing. Records are kept on all complaints and actions implemented.

Fiditas will assess the significance of the complaint and, if the complaint is justified, undertake the appropriate actions needed. The procedure of handling complaints is considered to be strictly privileged information, for the protection of both the complainant and Fiditas Clients.

Before a decision is reached, the information in the complaint is reviewed and analyzed, and the Client is informed of the results in writing. Records are kept on all complaints and actions implemented. Fiditas will attempt to resolve the issue by agreement within a reasonable timeframe, but no longer than 30 days.

If the complaint is not in writing, or is received from an unidentified source, Fiditas will proceed in the manner it deems appropriate. If such need is indicated, Fiditas will (with the permission of the complainant and the Client) stipulate the conditions under which the content and resolution of the complaint may become public information.