

Guidance Document
Construction Products Regulation
(EU) 305/2011



Guidance document

Construction Products Regulation (EU) Euralarm/GL-0202-1304-0101

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1. Common Abbreviations

Annex ZA	Part of the standard which needs to be applied for CE marking purposes and transforms all or part of a European product standard into a harmonized European product standard.
AVCP	A ssessment and V erification of C onstancy of P erformance
CE	E uropean C ommunity marking represented by the CE Symbol
CEN	E uropean C ommittee for N ormalisation
CoC	C ertificate o f C onformity
CoP	C ertificate o f constancy of P erformance
CPD	C onstruction P roducts D irective 89/106/EEC
CPR	C onstruction P roducts R egulation 305/2011 EU
DoC	D eclaration o f C onformity
DoP	D eclaration o f P erformance
EAD	E uropean A ssessment D ocument
ETA	E uropean T echnical A ssessment
ESC	E ssential C haracteristics
ESR	E ssential R equirements
FDAS	F ire D etection and A larm S ystems
FPC	F actory P roduction C ontrol
hEN	H armonized E uropean S tandards
M109	M andate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on Fire Alarm/Detection, Fixed Fire fighting, Fire and Smoke Control and Explosion suppression products
NPD	N o P erformance D etermined
OJEU	O fficial J ournal of the E uropean U nion
OwR	O ption w ith R equirements
REACH	R egistration, E valuation, A uthorization and restrictions of C hemical substances Regulation
SG07	S ector G roup of Notified Bodies dedicated to FDAS applications
SME	S mall and m edium e nterprises or small and medium-sized enterprises
TC72	C EN T echnical C ommittee dedicated to FDAS applications

2. Executive Summary

- The objective of the Construction Product Regulation is to achieve the proper functioning of the **internal market** by declaring the performance of construction products.
- By affixing the CE marking to a product, manufacturers indicate that they take **responsibility** for the conformity of that product based on its **declared performance**.
- CPR is as EU law **applicable July 1st, 2013**, it is the base for **CE marking** and applicable to products **placed on the market** when covered by harmonized standards. (The concept of placing on the market refers to each individual product, not to a type of product, and whether it was manufactured as an individual unit or in series.)
- CE Certificates of Conformity, issued under the former CPD are **still valid** – there is **no need** to have certificates of constancy of performance (CoP) available for products **tested and certified before** July 1st, 2013.
- Declarations of Performance (**DoP**) need to be available, per product, product family or any other grouping of products decided by **the manufacturer** (If the product had been placed on the market before the July 1st, 2013, it can be (re)distributed (made further available) without DoP afterwards.)
- In addition to a DoP generated under the CPR, CE Declaration of Conformity may still be required according to applicable EU Directives like EMC, LVD, R&TTE, ATEX, etc.
- There is **no technical impact** on any products **caused by CPR**. However CE marking and accompanying documents need to be checked according Article 9, CPR.
- Declaring at least **one** essential characteristic only is **allowed**; the use of this declaration need **to be monitored carefully** by the user due to the fact that a “**reduced functionality**” declared as NPD does not make sense in many cases.

3. Purpose of this guidance document

Fire Detection and Alarm Systems (FDAS) and the products used in them are life safety systems and products that must achieve high levels of reliability and fault tolerance.

FDAS products are CE marked to show compliance with the applicable European Directives and Regulations. The applicable Directives include the EMC Directive and Low Voltage Directive among others.

The Construction Products Directive has been applicable to FDAS products, but on 1st July 2013 this is replaced by the Construction Products Regulation.

The purpose of this document is to provide guidance on the requirements and implications of the implementation of the Construction Products Regulation 305/2011 EU. This information is provided for the benefit of Euralarm members and those involved in the manufacturing, supply and installation of fire detection and fire alarm equipment.

This document is intended solely for guidance of Euralarm members, and, where applicable, their members, on the state of affairs concerning its subject. Whilst every effort has been made to ensure its accuracy, readers should not rely upon its completeness or correctness, nor rely on it as a legal interpretation. Euralarm will not be liable for the provision of any incorrect or incomplete information.

3.1. Summary Requirements of CPD 89/106 EEC

- The Construction Products Directive 89/106 EEC (CPD) came into effect in 1989 and is applicable until 30th June 2013.
- Construction Products intended for the use in fire detection and fire alarm systems installed in and around buildings come under attestation level 1 of the CPD which requires the evaluation of conformity to be carried out by a Notified Body.
- Following an evaluation of conformity a CE Certificate of Conformity is issued by a Notified Body.
- The applicable harmonised product standards for FDAS products, e.g. such as one of the hEN 54 Series, provide performance requirements and test methods to be used.
- Compliance with the CPD includes a CE Declaration of Conformity (DoC) as a basis for CE marking the product.
- The DoC is issued by the manufacturer and shows compliance with all durability requirements and all essential requirements (ESR) as defined in the applicable harmonised standards.

3.2. Summary Requirements of CPR 305/2011 EU

- The Construction Products Regulation (CPR) replaces the CPD as of 1st July 2013.
- As previously Construction Products intended for the use in fire detection and fire alarm systems installed in and around buildings come under attestation level 1 of the CPR which requires the evaluation of conformity to be carried out by a Notified Body.
- Following an evaluation of conformity a Certificate of Constancy of Performance (CoP) is issued by a Notified Body.
- The applicable harmonised product standards for FDAS products, e.g. such as one of the hEN 54 Series, remain valid and provide performance requirements and test methods to be used.
- Compliance with the CPR includes a Declaration of Performance (DoP) as a basis for CE marking for all products place on the market as of 1st July 2013.
- The DoP is issued by the manufacturer and need to contain the complete list of all essential characteristics as defined in the applicable harmonised product standard (see Annex ZA of each hEN).
- The CPR offers the possibility to declare the performance of only one essential characteristic. For all other essential characteristics “No Performance Declared” (NPD) could be applied, but information in any form about the performance of the product in relation to the essential characteristics may be provided only if included and specified in the DoP (Article 4.2 of CPR).
- Beside the DoP a CE Declaration of Conformity is still required due to additional applicable Directives like the EMC, Low Voltage, R&TTE or ATEX Directive, etc.

3.3. Simplified procedures of the CPR

Guided by the New Legislative Framework the CPR introduces the use of simplified procedures that are intended to alleviate the financial burden of enterprises, in particular small and medium-sized enterprises (SMEs).

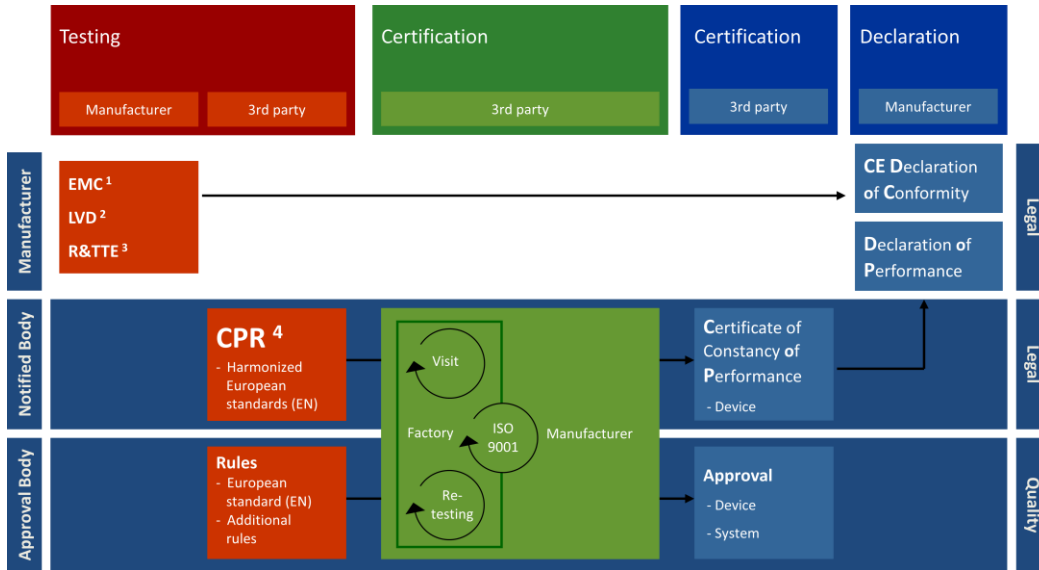
These simplified procedures are intended to avoid the unnecessary testing of construction products for which performance has already been sufficiently demonstrated by stable test results or other existing data, and can be used only by manufacturers who place their own products on the market. Distributors and Importers cannot use this route to establish compliance with the CPR.

Appropriate Technical Documentation can replace type testing for serial products or even avoid type testing for non serial products.

Due to the fact that all Construction Products intended for the use in fire detection and fire alarm systems installed in and around buildings come under attestation level 1, a notified body has to review the complete appropriate technical documentation in any case. Therefore the potential use of the Simplified Procedures may depend on the notified body and his evaluation criteria.

3.4. Overview of CE marking process as of 1st July 2013

The block diagram below summarize the new conditions that manufacturers have as obligations for FDAS products to be in compliance with the CPR and the connection to a country specific approval process, as shown on the last line of the diagram.



¹ EMC: Electromagnetic Compatibility Directive 2004/108/EC

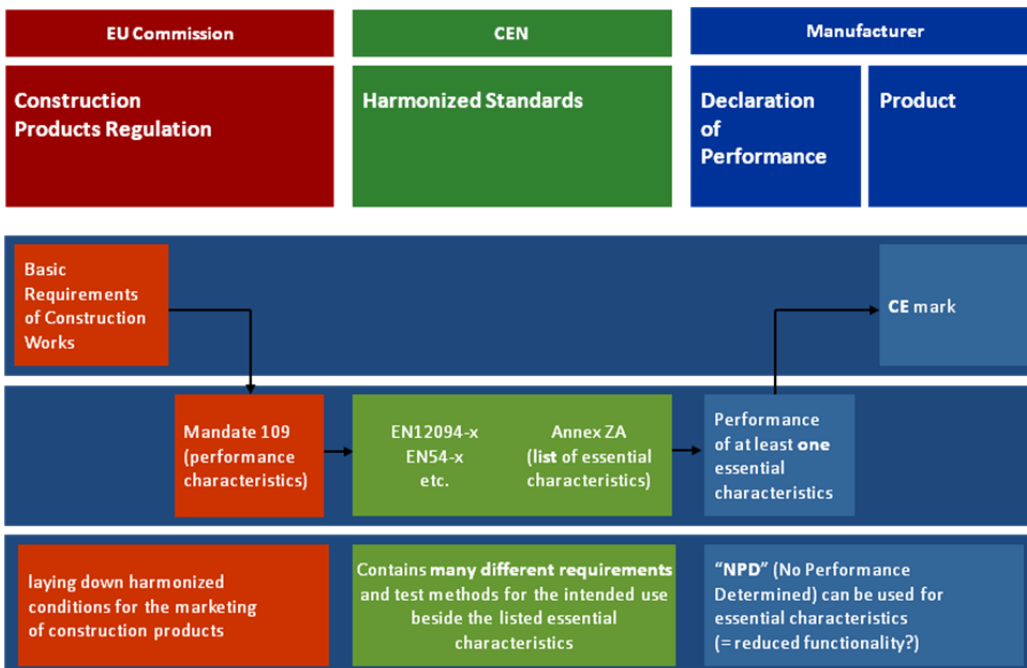
² LVD: Low Voltage Directive 2006/95/EC

³ R&TTE: Radio and Telecom Equipment Directive 1999/5/EC

⁴ CPR: Construction Product Regulation 305/2011/EU

3.5. Overview about Essential Characteristics

The block diagram below shows the link between the CPR and the CE mark via the DoP and Essential Characteristics.



4. Recommendations for the application of the CPR

4.1. Declaration of Performance (DoP): One per product or one per standard?

Basic requirements for construction products and essential characteristics

When a construction product is covered by a harmonised Standard which has been issued for this product, the manufacturer shall draw up a declaration of performance when such a product is placed on the market.

Article 4 from CPR does not provide guidance whether an entire product family can be covered within one DoP.

Furthermore, where several standards apply to a single product, there is no information if a separate DoP for each Standard has to be provided for the products.

Recommendations

A DoP may cover more than one standard and, refer to more than one product, such as a family range with different colours, capacities, or options, etc. This will depend on the manufacturer, based on their products and the applicable standards.

4.2. Supplying DoP by electronic means

Supply of the declaration of performance

Article 7 - Paragraph 3 from CPR states that by way of derogation the copy of the declaration of performance may be made available on a web site in accordance with conditions to be established by the Commission by means of delegated acts in accordance with Article 60. Such conditions shall, inter alia, guarantee that the declaration of performance remains available at least for the period referred to in Article 11(2).

Recommendations

The DoP can be made available on a website according to article 7 clause 3 under the circumstances described above.

- “electronic means” are materialized by supports like CD Rom, USB keys, or e-mail register
- “Web site” means that users can retrieve the information directly on the manufacturer’s Web site; however no information is available to advise how to organize the web site.

Please note that if a product needs a REACH declaration it has to be provided actively with the DoP declaration due to the fact that “together” means that the user must have access to the documents in the same sequence. It is not recommended to use different pages for REACH and for the DoP.

4.3. DoP including REACH Information

Content of the declaration of performance - DoP incl. REACH Information

Article 6 paragraph 5 from CPR states that the information referred to in Article 31 or, as the case may be, in Article 33 of Regulation (EC) No 1907/2006, shall be provided together with the declaration of performance.

Recommendations

Article 33 of Regulation (EC) No 1907/2006 refers to how to provide REACH information for chemical substances used in products to customers and end users in a supply chain.

This information does not need to be included in the DoP but it can be provided as a separate document together with the DoP.

If the product does not contain any hazardous substances according to regulation (EC) No 1907/2006, it is not necessary to provide any REACH information nor is it necessary to declare that the product does not contain any hazardous substances.

4.4. Declaring of one Essential Characteristics (ESC) – use of NPD

Content of the declaration of performance

Article 6 – Paragraph 3 from CPR states that the declaration of performance shall in addition contain:

(c) the performance of at least one of the essential characteristics of the construction product, relevant for the declared intended use or uses;

(f) for the listed essential characteristics for which no performance is declared, the letters ‘NPD’ (No Performance Determined);

Recommendations

Euralarm members are concerned that under the provisions of the CPR it is acceptable for products to be CE marked and placed on the market having declared the performance of only one essential characteristic while all others are declared as "No Performance Determined" (NPD). Such products are in compliance with the requirements of the CPR and may be placed on the market.

However, there is no confidence that such products will perform as expected. End users may be unclear as to what performance is expected from the product and to what level safety is maintained or reduced. In the worst case this could threaten to lower safety levels in the fire industry.

Euralarm recommends that manufacturers only provide products where performances are declared against all the essential characteristics defined in the applicable harmonised standards without using NPD. In addition, it is necessary to demonstrate compliance according to the complete hEN.

An exception to this recommendation is that for certain Control and Indicating Equipment covered by standards such as EN 54-2, EN 54-16 and EN 12094-1 some of the essential characteristics are today known as “option with requirements” and in future may appear as “if provided”. In such cases it will be acceptable to use “No Performance Declared” due to specific local needs of a Member States authority.

In this context, Euralarm recommends to consider the obligations of Art. 4.

Declaration of performance

Article 4 – Paragraph 2 from CPR states that when a construction product is covered by a harmonised standard which has been issued for it, **information in any form about its performance in relation to the essential characteristics, as defined in the applicable harmonised technical specification, may be provided only if included and specified in the declaration of performance except where, in accordance with Article 5, no declaration of performance has been drawn up.**

4.5. Member States, Product Contact Points

Product Contact Points for Construction

(Article 10 from CPR)

Recommendations

Each member state will set up a product contact point by the 1st July 2013 where manufacturers can obtain specific national requirements (e. g. options with requirements as available in old CPD standards) for products to be placed on this specific national market. Information about these PCPs, likely to be the same points of contact as under the CPD can be found here:

http://ec.europa.eu/enterprise/sectors/construction/legislation/index_en.htm

4.6. Simplified procedure for system 1 products e.g. covered by EN 54 or EN12094

Simplified procedures

(Article 36 from CPR)

Recommendations

All manufactures incl. SME may replace type testing by the use of appropriate technical documentation.

In any case this Appropriate Technical Documentation shall be verified by a notified product certification body.

Use of simplified procedures by micro-enterprises

(Article 37 from CPR)

Recommendations

Article 37 only applies to products under systems 3 & 4. For products under system 1, the specific measures for micro-enterprises cannot be used.

Other simplified procedures

(Article 38 from CPR)

Recommendations

This article refers to products individually manufactured or custom-made in a non-series process in response to a specific order, and which are installed in a single identified construction work.

In this case the Appropriate Technical Documentation shall be verified by a notified product certification body.

4.7. Use of facilities outside the testing laboratory of the notified body

Use of facilities outside the testing laboratory of the notified body

(Article 46 from CPR)

Recommendations

Where this procedure is suitable and advantageous to manufacturers, this route should be possible. However Notified Bodies providing such services shall be specifically designated as competent to work away from their own accredited test facilities.

We recommend to all Notified Bodies to obtain this designation by their country specific Accreditation Body.

On the other hand, it is not yet ensured that these designations are based on the same acceptance criteria because there is no harmonized approach across Europe.

Manufacturers should be aware that the test equipment, which shall be used, has an appropriate calibration system and that the traceability of the measurements is guaranteed.

4.8. Certificate of Constancy of Performance (CoP)

Assessment and verification of constancy of performance (Article 28 from CPR)

Recommendations

Previously under the CPD Notified Bodies provided a CE Certificate of Conformity, under the CPR Notified Bodies now provide a Certificate of Constancy of Performance (CoP).

The Declaration of Performance is issued by manufacturers.

As a DoP is fully described in Annex III of the CPR and nothing is considered for CoP, EURALARM suggests to NBs to agree within SG07 to use the same information in both the CoP and the DoP.

4.9. Transitional provisions

Transitional provisions (Article 66 from CPR)

Recommendations

The concept of placing on the market refers to each individual product, not to a type of product, and whether it was manufactured as an individual unit or in series.

Therefore all products placed on the market after 1 July 2013 a DoP must be made available even if this product is already CE marked according to the previous CPD.

According to Article 66 clause 2 a manufacturer may draw up a DoP on the basis of the CE Certificate of Conformity which has been previously issued in accordance with CPD 89/106/EEC.

If the product had been placed on the market before the 1 July 2013, it can be (re)distributed (made further available) without DoP afterwards.

5. Recommendations for establishing a Declaration of Performance

From the original CPR document	Euralarm Comments and Interpretations
<i>Declaration of Performance</i>	<p>Declaration of Performance according to Construction Product Regulation EU No 305/2011</p> <p>“CE” is not required to be placed in front of “DoP”, however a CE Mark could be placed on the DoP as well as manufacturer’s trademarks.</p>
<p><i>DoP number ,</i> (See Art. 9 regarding CE labelling requirements)</p>	<p>No further advice is given by the CPR, therefore the number can correspond to each individual manufacturer’s numbering system. It is not necessary to use “DoP” before the DoP number.</p> <p>Examples in current and revised Annex ZA are given as examples only.</p>
<p><i>1. Unique identification code of the product-type:</i></p>	<p>According to the CPR “product-type” means the set of representative performance levels or classes of a construction product, in relation to its essential characteristics.</p> <p>As no levels or classes have been considered for FDAS in existing hEN and Annex ZA, manufacturers are free to generate their own unique identification code.</p> <p>This code shall match the code used in the CE Certificate of Conformity or Certificate of Constancy of Performance.</p> <p>Product / kit name(s), component name(s) etc. can be included into the code.</p>
<p><i>2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):</i></p>	<p>Identification of the product is required and may be achieved by various means such as Part No., Type, Batch, Serial number or any other relevant element allowing identification.</p>
<p><i>3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:</i></p>	<p>The intended use is always considered in the applicable hEN. However Euralarm recommends the use of the following generic descriptions:</p> <p>e.g. EN54-x: <i>Fire detection and fire alarm systems installed in and around buildings</i></p> <p>e. g. EN12094-x: <i>Component(s) for gas extinguishing systems installed in buildings and field areas as a part of a complete operating system.</i></p>

<p>4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):</p>	<p>“Manufacturer” could be any natural or legal person who manufactures a construction product or who has such a product designed or manufactured.</p> <p>The Manufacturer is the one who markets the product under his name or trademark.</p> <p>Note that there are cases where importers or distributors can become a “Manufacturer”, see Art.15.</p>
<p>5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):</p>	<p>Only applicable if the manufacturer is located in a country outside the EU which has no Mutual Recognition Agreement (MRA) with the EU: “Authorized Representative” means any natural or legal person established within the Union who has received a written mandate from a manufacturer to act on his behalf in relation to specified tasks.</p>
<p>6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:</p>	<p>The system of assessment applicable to FDAS and Extinguishing products is system 1</p>
<p>7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:</p> <p>Name and identification number of the notified body, if relevant (See 1.)</p> <p>performed (See 2)</p> <p>under system (See 3) (description of the third party tasks as set out in Annex V)</p> <p>and issued certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant (See 4)</p>	<p>The following information may be given based on the issued certificate:</p> <ol style="list-style-type: none"> 1. Use the Notified Body name and Accreditation number from the Certificate, Example: 0101. 2. Performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control. 3. Under system 1 (FDAS products always are System 1). 4. And issued a certificate of constancy of performance (CPR Certificate number) or according to the transitional provisions, an EC certificate of conformity (CPD Certificate number).
<p>8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:</p>	<p>Usually not applicable for fire detection or extinguishing products due to existing hEN.</p>
<p>9. Declared performance</p> <p>9.1. Column 1 shall contain the list of essential characteristics as determined in the harmonised technical specifications for the intended use or uses indicated in point 3 above.</p> <p>9.2. For each essential characteristic listed in column 1 and in compliance with the requirements of Article 6, column 2 shall contain the declared performance, expressed by level or class, or in a description, related to the corresponding essential characteristics. The letters ‘NPD’ (No Performance</p>	<p>Euralarm recommends that the following statement is used to preface table 9:</p> <p>“All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN(s) mentioned in the table below.”</p> <p>When a construction product is covered by an harmonized standard with an Annex ZA written under the EU Construction Products Directive (89/106/EEC):</p> <p>Copy table ZA.1 out of Annex ZA completely.</p> <p>If no value is given by the table use “pass”, “passed” or “NPD”</p>

6. Examples of Declaration of Performance

6.1. DoP example for Multi-criteria smoke detector

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° xxxx – xxxxxx

1. *Unique Product identification code:*

FDOO1

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

**Fire detector containing smoke- and heat-sensors, addressable / collective
incl. FD101, FD201, FD201-A, FD211, FD211-A**

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

Fire detection and fire alarm systems installed in and around buildings.

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*

Any Company SA

Main street 10101 My town - Europe

5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):*

Not applicable

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System 1

7. *In case of the declaration of performance concerning a construction product covered by the harmonized standard:*

ABC Accreditation Ltd 0101

performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:

0101 CPR 2013 07 01

8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*

Not applicable, see item 7

9. Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

Essential characteristics	Performance	Harmonized technical specification
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	passed	EN 54-5:2000+A1:2002 Art: 4.2, 4.3, 5.2 to 5.6, 5.8. 6.1a, 6.2b a Suffix S detectors, b Suffix R detectors
Operational reliability	passed	EN 54-5:2000+A1:2002 Art.: 4.4 to 4.11
Tolerance to supply voltage	passed	EN 54-5:2000+A1:2002 Art.: 5.7
Durability of operational reliability and response delay: temperature resistance	passed	EN 54-5:2000+A1:2002 Art.: 5.9, 5.10
Durability of operational reliability Vibration resistance	passed	EN 54-5:2000+A1:2002 Art.: 5.14 to 5.17
Durability of operational reliability, Humidity resistance	passed	EN 54-5:2000+A1:2002 Art.: 5.11, 5.12
Durability of operational reliability, Corrosion resistance	passed	EN 54-5:2000+A1:2002 Art.: 5.13
Durability of operational reliability, electrical stability	passed	EN 54-5:2000+A1:2002 Art.: 5.18
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18
Operational reliability	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 4.2 to 4.7, 4.9 to 4.11
Tolerance to supply voltage	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 5.5
Durability of operational reliability and response delay: temperature resistance	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 5.8, 5.9
Durability of operational reliability Vibration resistance	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 5.13 to 5.16
Durability of operational reliability, Humidity resistance	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 5.10, 5.11
Durability of operational reliability, Corrosion resistance	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 5.12
Durability of operational reliability, electrical stability	passed	EN 54-7:2000+A1:2002+A2:2006 Art.: 5.17
Performance under fire conditions	passed	EN 54-17:2005+AC2007 Art.: 5.2
Operational reliability	passed	EN 54-17:2005+AC2007 Art.: 4
Durability of operational reliability: temperature resistance	passed	EN 54-17:2005+AC2007 Art.: 5.4, 5.5
Durability of operational reliability Vibration resistance	passed	EN 54-17:2005+AC2007 Art.: 5.9 to 5.12
Durability of operational reliability, Humidity resistance	passed	EN 54-17:2005+AC2007 Art.: 5.6, 5.7
Durability of operational reliability, Corrosion resistance	passed	EN 54-17:2005+AC2007 Art.: 5.8
Durability of operational reliability, electrical stability	passed	EN 54-17:2005+AC2007 Art.: 5.3, 5.13

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

My Town, July 1st 2013

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6.2. DoP example for Input / Output Device with isolator (example given for 2 standards)

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° xxxx – xxxxxx

1. *Unique identification code of the product-type:*

QIO850, QRM850

2. *Type, batch, serial number or any other element allowing identification of the construction product as required by Article 11(4):*

Part numbers: 555.800.071, 555.800.071.F, 555.800.073, 555.800.073.F

3. *Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:*

Fire detection and fire alarm systems installed in and around buildings

4. *Name, registered trade name or trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*

Any Company SA

Main street 10101 My Town - Europe

5. *Where applicable, name and contact address of the authorised representative whose mandate covers the tasks in Article 12(2):*

Not applicable

6. *System(s) of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System1

7. *In case of the declaration of performance concerning a construction product covered by a harmonised standard:*

ABC Accreditation 0101

has performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued following certificate of constancy of performance / certificate of conformity:

0101 – CPD – 21170

8. *No European Technical Assessment has been issued for this product.*

9. *Declared performance*

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

Essential characteristics	Performance	Harmonised technical specification	
		EN54-18: 2005 / AC:2007	EN54-17: 2005/ AC:2007
Response delay (response time)	passed	5.2	n/a
Performance under fire conditions	passed	5.1.4	5.2
Operational reliability	passed	5.1.4	4
Durability of operational reliability: temperature resistance	passed	5.3, 5.4	5.4, 5.5
Durability of operational reliability; vibration resistance	passed	5.8 to 5.11	5.9 to 5.12
Durability of operational reliability; humidity resistance	passed	5.5, 5.6	5.6, 5.7
Durability of operational reliability; corrosion resistance	passed	5.7	5.8
Durability of operational reliability; electrical stability	passed	5.2, 5.12	5.3, 5.13

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

My Town, July 1st 2013

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6.3. DoP example for Fire Alarm panel (Control and Indicating Equipment)

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° xxxx - xxxxxx

1. *Unique Product identification code:*

FC1002 / FC1004 - Fire detection and fire alarm panel

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

FC1002-A, FC1002-B, FC1002-C, FC1004-A, FC1004-B, FC1004_C, FC1004-E

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

Fire detection and fire alarm systems installed in buildings.

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*

Any Company SA

Main street 10101 My Town - Europe

5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):*

Not Applicable

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System 1

7. *In case of the declaration of performance concerning a construction product covered by a harmonized standard:*

ABC Accreditation 0101

performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and approval of the factory production control under system 1

and issued following certificate of constancy of performance:

0101-CPD-20962

8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*

Not applicable, see item 7

9. *Declared performance:*

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

Essential characteristics	Performance	Harmonized technical specification
Performance under fire conditions	Passed	EN 54-2:1997 + A1:2006 Art.: 4, 5, 7
Response delay (response time to fire)	Passed	EN 54-2:1997 + A1:2006 Art.: 7.1, 7.7, 7.11, 7.12
Operational reliability	Passed	EN 54-2:1997 + A1:2006 Art.: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Durability of operational reliability, Temperature resistance	Passed	EN 54-2:1997 + A1:2006 Art.: 15.4
Durability of operational reliability, Vibration resistance	Passed	EN 54-2:1997 + A1:2006 Art.: 15.6, 15.7, 15.15
Durability of operational reliability, Electrical stability	Passed	EN 54-2:1997 + A1:2006 Art.: 15.8 to 15.13
Performance of power supply	Passed	EN 54-4:1997 + A2:2006 Art.: 4, 5, 6
Operational reliability	Passed	EN 54-4:1997 + A2:2006 Art.: 4, 5, 6, 7, 8
Durability of operational reliability, Temperature resistance	Passed	EN 54-4:1997 + A2:2006 Art.: 9.5
Durability of operational reliability, Vibration resistance	Passed	EN 54-4:1997 + A2:2006 Art.: 9.7, 9.8, 9.15
Durability of operational reliability, Electrical stability	Passed	EN 54-4:1997 + A2:2006 Art.: 9.9 to 9.13
Durability of operational reliability, humidity resistance	Passed	EN 54-4:1997 + A2:2006 Art.: 9.6, 9.14
Durability of operational reliability, humidity resistance	Passed	EN 54-2:1997 + A1:2006 Art.: 15.5, 15.14

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

My Town, 01.07.2013

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6.4. DoP example for extinguishing products

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° xxxx – xxxxxx

1. *Unique Product identification code:*

Cylinder Valve Type **V01** and its actuators: Manual **Man01**, Pyrotechnic **Pyro01**, Pneumatic **Pn01**, Pneumatic & Manual **PM01**, Pyrotechnic & Manual **PM02**, Electromagnetic **EL01**

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

V01, Man01, Pyro01, Pn01, PM01, PM02, EL01

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

Component(s) for gas extinguishing systems installed in buildings and field areas as a part of a complete operating system.

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*

Any Company SA

Main street 10101 My Town – Europe

5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):*

Not applicable

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System 1

7. *In case of the declaration of performance concerning a construction product covered by a harmonized standard:*

ABC Accreditation 0101

performed type testing and an inspection of the manufacturing plant and of factory production control under system 1 and issued following certificate of constancy of performance:

0101 CPR 2013 07 01

8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*

Not applicable, see point 7

9. Declared performance:

Essential Characteristics	Performance	Harmonised technical specification
Operational reliability		
General design	pass	EN 12094-4 : 2004
Connection threads	pass	EN 12094-4 : 2004
Function and ambient temperatures	pass	EN 12094-4 : 2004
Resistance to internal pressure	pass	EN 12094-4 : 2004
Strength	pass	EN 12094-4 : 2004
Leakage	pass	EN 12094-4 : 2004
Operational reliability	pass	EN 12094-4 : 2004
Vibration resistance	pass	EN 12094-4 : 2004
Operating force	pass	EN 12094-4 : 2004
Functional reliability	pass	EN 12094-4 : 2004
Manual powered actuators	pass	EN 12094-4 : 2004
Distribution of extinguishing media		
Minimum flow way specification	pass	EN 12094-4 : 2004
Smallest container specification	pass	EN 12094-4 : 2004
Minimum flow way	pass	EN 12094-4 : 2004
Flow characteristics	pass	EN 12094-4 : 2004
Diptube	pass	EN 12094-4 : 2004
Durability of operational reliability against corrosion		
Corrosion	pass	EN 12094-4 : 2004
Stress corrosion	pass	EN 12094-4 : 2004

10. The performance of the product identified in points 1 & 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

My Town, July 1st 2013

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7. CE Marking & Accompanying documents

A CE mark can only be applied to the product if there is a DoP available. According to article 9 of the CPR, additional information shall be affixed to the product, the packaging or to the accompanying documents. Euralarm recommends that when a DoP is provided together with the product, it is not necessary to affix the same information to the product, the packaging or any other accompanying documents.


According to Article 9 “Rules and conditions for the affixing of CE marking” of the CPR, Euralarm recommends to use the text proposed for Annex ZA by CEN TC72 in 15 March 2013.

This distinguishes clearly what kind of information should be added to the product itself and what could be supplied together with the accompanying documents.

7.1. Information to be affixed on the product

 01234	<i>CE marking, consisting of the “CE”-symbol given in Directive 93/68/EEC.</i> <i>Identification number of the product certification body</i>
001CPR2013-07-01	<i>Reference number of the DoP</i>

7.2. Information in the documentation accompanying the product

 01234	<i>CE marking, consisting of the “CE”-symbol given in Directive 93/68/EEC.</i> <i>Identification number of the product notified certification body</i>
Any Co Ltd, PO Box 210, EC1-0XX - FR 13 001CPR2013-07-01	<i>Name or identifying mark and registered address of the producer or identifying mark</i> <i>Last two digits of the year in which the marking was first affixed</i> <i>Reference number of the DoP</i>
[insert here the number of the standard e.g. EN 54-n] <i>[insert here the same information as used in the DoP, Bullet No. 1.]</i> Intended for use in fire detection and fire alarm systems in and around buildings <i>[insert here the same information as used in the DoP, Bullet No. 9. Declared performance. Use only column 1 “Essential characteristics “ and 2 “Performance”]</i>	<i>No. of European Standard as referenced in the OJEU</i> <i>Unique identification code of the product-type as given by the manufacturer</i> <i>Intended use as laid down in the European standard applied</i> <i>Level or class of the performance declared</i>

8. Frequently Asked Questions

8.1. Can a product family be covered by one DoP?

- Yes, where a family of products have the same EC as detailed in the applicable harmonised standard they may be covered by only one DoP.

8.2. Is there a need to issue more than one DoP per product / product family if more than one hEN is applicable?

- No, a single DoP can cover more than one hEN.

8.3. My product is manufactured at different locations are different DoPs or CoPs required?

- It is only allowed to issue one DoP per products due to the fact that the intention of a DoP is the declared performance and not the manufacturing location.
- If it comes to CoP, it is within the responsibility of a notified body to decide. In general it is all about the FPC (Factory Production Control System) which the manufacturer (responsible for design and fabrication) maintains. For details see the applicable hEN.
- In the case that one product is manufactured (in terms of finally assembled and tested) at two different locations two different FPC need to be checked by the NB but only one CoP will be issued showing both factories.
- In the case a product is manufactured in stages at several different locations, the factory where the finally assembling and testing will take place will be audited and one CoP showing this manufacturing location will be issued. However depending on the FPC the NB can decide to audit other locations as well without listing them on the CoP.

8.4. What are the requirements for existing products already in compliance with CPD (valid CE Certificate of Conformity available)?

- The concept of placing on the market refers to each individual product, not to a type of product, and whether it was manufactured as an individual unit or in series.
- For all products placed on the market after 1st July 2013 (made available the first time) a DoP need to be issued.
- According to article 66 of the CPR, which deals with the transitional arrangements, a DoP can be drawn up on the basis of a CE certificate of conformity, which means that there is no need to obtain a CoP.
- If a product had been placed on the market before 1st July 2013, it can be (re)distributed (made further available) without DoP afterwards.

8.5. **What are the requirements for existing products that aren't currently in compliance with CPD (CE Certificate of Conformity not existing)?**

- After July 1st all products placed on the market need to comply with the CPR which means a DoP need to be issued, which is only possible if a CoP is obtained.

8.6. **What are the requirements for spares or replacement products?**

- Products, which have been repaired without changing the original performance, purpose or type, are not subject to conformity assessment according to the CPR.
The same is true for spare parts or one to one replacements if the original performance of the product hasn't changed.

8.7. **What are the requirements for non serial products?**

- Article 5 of the CPR describes the circumstances where it may be unnecessary to issue of a DoP such as for non serial production. A non serial product is individually manufactured or custom-made in a non-series process in response to a specific order, and is installed in a single identified construction work. In this case the manufacturer is responsible for the safe incorporation of the product into the construction works.
- In this case individually manufactured or custom-made in a non-series process is not applicable if components are used out of serial production and therefore unusual for FDAS products.

8.8. **What do I do if I want to CE mark a non serial product?**

- CE marking is only possible if a DoP is issued based on a CoP.

8.9. **Must the CE marking be updated for products certified according to the Construction Product Directive 89/106/EEC before July 1st 2013 but placed on the market after that date?**

- Yes, the new rules and conditions of the CE marking apply according to Article 9 of the CPR. However where it is not possible or not warranted on account of the nature of the product to update all labels in due time, the required information (in addition to CPD) could be affixed to the packaging or to the accompanying documents.

8.10. **Article 9 of the CPR states: *The CE mark must be accompanied by information on the level or class of performance according to the Essential Characteristics. For FDAS or extinguishing products the table of information may be quite long. If a DoP is supplied with the product, must this information be repeated alongside the CE mark?***

- If a DoP is provided with the product, there is no need to repeat this information in another place in or on another document or label.

8.11. What do I do if I want to CE mark a product which is a variant of a CPR compliant product?

- If for example a non serial product is a variation of a product for which DoP and CoP exist, the manufacturer may demonstrate compliance with the CPR by using the appropriate technical documentation. Due to the fact that FDAS products are covered by system 1 the appropriate technical documentation needs to be assessed by a Notified Body which could then the CoP with the product in question.

8.12. Supposed products and standards remain unchanged:

What has to be updated by July 2013?

- Based on a CE-Certificate of Conformity with all related technical documentation, in compliance with the CPD, a DoP (Declaration of Performance) has to be issued.
- In addition obligations out of Article 9, CPR shall be taken into account.

8.13. Are two Declarations now required per product?

- Yes, a Declaration of Performance for CPR and a CE Declaration of Conformity for EMC, LVD, RTTE, ATEX, etc.

8.14. Will every DoP have to include information on hazardous substances according to the REACH Directive?

- No, REACH information referred to in Article 31 or, as the case may be, in Article 33 of Regulation (EC) No 1907/2006, shall be provided together with the Declaration of Performance if applicable.

8.15. Do DoPs have to be established based on existing standards (EN54-xx), or are new Annex ZAs to be awaited?

- DoPs have to be established based on existing standards.
- The revision of hENs with new annex ZA will be done within the normal CEN procedures. Following this, DoPs might have to be updated accordingly, if the respective table “declared performance” changes.

8.16. Distributors are asked to demonstrate conformity of trade goods in “local languages”, on request (Art. 14, 5): What does this mean?

- The declaration of performance shall be supplied in the language or the languages required by the Member State where the product is made available.
All technical documentation in the back can remain in the language of the manufacture but for sure will need to be translated into a language understood by local authorities, if requested e. g. due to market surveillance.

8.17. Simplified procedures (Art. 36): Is it sufficient that a manufacturer uses Appropriate Technical Documentation to cover product changes?

- Yes, manufacturers can go for this kind of Technical Documentation, but for construction products according to System 1, the Appropriate Technical Documentation needs to be verified by a Notified Body.

8.18. Simplified procedures (Art. 38): Is it true, that e.g. for a locally, on site assembled CIE (Fire Detection Panel according to EN54-2) no DoP is required?

- No, due to the fact that the construction product referred to in paragraph 1 Art. 38 belongs to a family of construction products for which the applicable system for assessment and verification of constancy of performance is System 1, the Specific/Appropriate Technical Documentation must be verified by a notified product certification body and a DoP has to be issued.

8.19. How do I write a DoP for a product with the 'CPD' style Annex ZA still used in some hEN?

- When a construction product is covered by a harmonized standard with an Annex ZA written under the EU Construction Products Directive (89/106/EEC) it is possible to create a Declaration of Performance as follows:
 - Use the Table ZA.1 from Annex ZA1 of the standard as the basis of the table of declared performance that is required in a DoP.
 - In this case it is possible to simply use "pass"/"fail" or "NPD" when declaring the essential characteristics.
 - If values are declared, use the test limit values that are specified in the standard. It is not required to declare actual values recorded during product conformance testing.

Note: Refer to section 5, "Recommendations for establishing a Declaration of Performance" and specific paragraph 9 "Declared performance"

8.20. Are current CE Certificates of Conformity still valid after 1st July 2013?

- Yes, but only until the products or the related harmonised standard are modified.

8.21. Are new Annex ZAs in EN54-xx a precondition for notified bodies to issue a Certificate of Constancy of Performance?

- No, the existing hENs are to be used.

8.22. What does a “Certificate of Constancy of Performance” look like (language, list of essential characteristics etc.)?

- This is up to the Group of Notified Bodies to decide, especially the Sector Group 07 which deals with FDAS. At the moment it looks like that the first page of a CoP will be similar to the one of a CE CoC. The Annex of the CoP will show a list of all essential characteristics of the applicable hENs with the related performances tested.

8.23. When will the CPR be adopted into national law?

- As an EC Regulation, the CPR is directly applicable in each country without further transposition.

8.24. How will market surveillance be organised (staff, training, procedure)?

- Different, country by country.

8.25. Who will be my TAB (Technical Assessment Body) and PCP (Product Contact Point)?

- Please check on a country by country basis; these lists are typically published via the Internet.

