

BSI Update: Construction Products Regulation

Construction Products

What is the Construction Products Regulation (CPR) and how does it affect me?

Effective from July 2013, the Construction Products Regulation (CPR) will finally replace the Construction Products Directive (CPD). The most significant implication for you is that CE marking will become mandatory in the EU and the UK for those products covered by a harmonised European standard (hEN) or European Technical Assessment (ETA).

What will happen if you don't get your products CE Marked?

You will need to get your construction products CE marked in order to legally sell them anywhere within the EU, including the UK. In addition, the person signing an organisations declaration for a product is assuming legal responsibility for the conformity of the construction product with its declared performance.

How to attain product CE Marking

To apply the CE mark you first need to identify the applicable standards to which your products are manufactured. Products covered by the CPR include:

- Cement, building lime, admixtures and aggregates
- Structural bearings
- Traffic furniture
- Pipes
- Thermal insulation
- Gas and electrical appliances
- Manhole and inspection covers
- Masonry
- Structural Timbers
- Geotextiles and Waterproofing membranes
- Chimneys
- Precast Concrete
- Fire protection products
- Windows and doors
- Glass
- Road Surfacing

What action do you need to take

You need to identify the relevant harmonised standards and system (level) of Attestation of Conformity for your product to establish what action you need to take.

We can help you to identify this information, contact us or visit www.bsigroup.com/cpr to find out more.

What are Attestation of Conformity Systems

The system (level) of Attestation of Conformity, called the verification of constancy of performance in the CPR, is set by the Commission for product families and can if applicable be found in Annex ZA of the applicable standard. There are five systems (levels). For all systems of Attestation of Conformity the manufacturer must have factory production control (FPC) system the type and extent of which is determined by the relevant product standard and initial type-testing (ITT).

Attestation of Conformity systems depend on the level of safety of a product in installation and use (for example, structural products tend to be safety critical therefore it will be likely to be system 1, whereas decorative products are usually not). For safety critical products, these usually involve testing, inspection and certification by a notified body. For less safety critical products, the CE marking will usually involve a manufacturer's declaration only, with less third party involvement.

The processes involved in attaining that system and who is responsible for those tasks are shown in the Table 1.

- In all cases, a system of Factory Production Control (FPC) is required. The FPC is largely akin to a quality management system and the requirements are covered in the applicable product standard. If your organisation already holds an ISO 9001 2008 registration these requirements may be fulfilled by that system >>
- For Attestation Systems 1+ and 1 you need to obtain an EC Certificate of Constancy of Performance issued by a Notified Body

- For Attestation Systems 2+ and you need to obtain an EC Certificate of Factory Production Control issued by a Notified Body
- For systems 2+ and 4 you must complete Initial Type Testing and begin to draw up a Declaration of Performance based on the product properties required by the applicable standard
- For systems 1+ and 1 you will need to apply to a Notified body to enable samples to be taken and initial type testing to be conducted by the Notified body
- For system 3 you will need a Initial Type test report from a Notified testing laboratory
- For system 4 Declaration of performance can be drawn up by the producer with no need for the involvement of a notified body (self declared).

How can you meet the requirements of the CPR?

By CE marking – apply now, as CPD requirements will be similar and we can transfer you across to the CPR.

When do I need to act to make sure that my products are ready for CE marking?

There is no simple answer to this as it is product specific and Initial type testing requirements vary with some tests requiring a year for completion.

★ The sooner you act the more likely you are of meeting the 2013 deadline ★

Although the change does not fully take effect until July 2013 you should act now to ensure that you and your products are ready in time.

Simple steps to obtaining EC Certificates and Initial Test Reports

- If your products are system 1+, 1, or 2+ you need to apply to a Notified Body who can issue you with an EC certificate.

Responsibility	Task	Attestation of Conformity				
		1+	1	2+	3	4
Manufacture	Factory Production Control	X	X	X	X	X
	Initial Type Testing			X		X
Notified Body	Initial Inspection	X	X	X		
	Continuous Surveillance	X	X	X		
	Initial Type Testing	X	X		X	
	Audit Testing	X				

Table 1 - showing responsibilities for each Attestation of Conformity system

- If your product is system 3 it requires Initial Type Testing to the requirements of the applicable standard, you need to contact a Notified Laboratory.
- BSI can act in this capacity for a number of products that are systems 1+, 1, 2+ or 3. To speak to a representative and request a quote call us on 0845 0765 606.
- If you have any further questions regarding the CE process a BSI specialist can advise you. Call us on 0845 0765 606.

Further Information
To find out more about CE Marking and the Construction Products Regulation
Visit www.bsigroup.com/cpr
Call BSI on +44 (0)8450 765606



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