

CE Marking of Aggregates

Ensure aggregates conformity and access the entire European market



Aggregates are permanently added to building construction and infrastructures, therefore directly influencing the quality and safety of these structures. Marketing of aggregates in Europe is regulated by the Construction Products Regulation 305/2011. Manufacturers or their representatives in the European Union are solely responsible for compliance of their products with the terms of the Regulation, both for trade and use. When a manufacturer identifies its aggregate with the CE mark, this shows that the aggregate complies with the harmonized standards and therefore fulfills the essential requirements of the regulation. CE marking of aggregates is governed by Assessment of Conformity (AoC) system 2+, which requires the intervention of a notified body to perform a factory production control audit.

Solution

Applus+ Laboratories is a Notified Body* for CE marking of aggregates. We work with producers of aggregates throughout the entire process for CE marking of their products.

CE marking of aggregates is based on the 2+ assessment system and harmonized standards:

EN 12620:

2002 + A1:

2008

Aggregates for concrete

EN 13043:

2002

EN 13043:

2002/AC:

2004

Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas

EN 13055-1:

2002

EN 13055-1: Lightweight aggregates. Lightweight aggregates for concrete, mortar and grout

EN 13055-2:

2004

Lightweight aggregates. Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications

EN 13139:

2002

EN 13139:

2002/AC:2004

Aggregates for mortar

EN 13242:

2002 + A1:

2007

Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction

EN 13383-1:

2002

EN 13383-1:

2002/AC:

2004

Armourstone. Specifications

EN 13450:

2002

EN 13450:

2002/AC:2004

Aggregates for railway ballast

Manufacturer responsibilities:

- To perform Type Testing of the produced aggregates (These tests can be performed by the manufacturer's own resources or by an accredited laboratory)
- To implement Factory Production Control (FPC) at quarries or gravel pits
- To draw up a program of follow-up testing, specifying types, frequencies, etc.

Responsibilities of the notified body:

- To perform Factory Production Control initial inspection, assessment and acceptance.
- To perform annual safety and assessment inspections

CE marking documents:



- Certificate of Conformity of the Factory Production Control (Notified Body)
- Declaration of Performance of the aggregate (Manufacturer)
- CE marking and labeling of the aggregate (Manufacturer)

Applus+ Laboratories has more than 100 years of experience in testing construction products. We have conducted thousands of tests, certifying several hundred aggregates.

** Applus+ Laboratories is the commercial brand of LGAI Technological Center S.A., Notified Body nº 370.*

Benefits

- Applus+ Laboratories, one stop shop for your characterization testing and factory production control audits
- Improve control over your product and processes
- Reduce non-quality costs.
- Greater accuracy and uniformity of the technical values of your products for users and project managers.
- Market your product throughout the European Union