egolf The European Group of Organisations for Fire Testing, Inspection and Certification

EGOLF POSITION PAPER EGP 007-2019

Subject of Recommendation	**Description of test specimen**
Related test standard	EN 1363-1
Date of issue	2019-05-28
Reference original query	TC2 N565
Previous publication number (if applicable)	EGR 53rev:2010; TC2N890
Keywords (max. 20)	Test specimen, description, EXAP, classification, test, report, minimal requirements
To be forwarded for attention of	CEN/TC 127 WG7

Problem

With respect to the description of the test specimen in the test report, EN 1363-1 clause 12.1f) clearly states:

"The constructional details of the test specimen, including description and drawings and principal details of components. The description and the drawings which are included in the test report shall, as far as practicable, be based on information provided by the sponsor and verified by a survey of the test specimen. When full and detailed drawings are not produced by the laboratory to be included in the report, then the sponsor's drawing(s) of the test specimen shall be authenticated by the laboratory and at least one copy of the authenticated drawing(s) shall be included in the report. Reference shall be given in the report that the drawings are those provided by the sponsor."

However, observation of test reports shows that the above mentioned paragraph is interpreted differently by the test laboratories. The description of the test specimen varies from a limited list of the main components and a few general drawings to a detailed description of all components and the way they are mounted accompanied by an extensive set of detailed drawings.
This Recommendation tries to minimize the observed discrepancies between the descriptions of the test elements in the test reports of different test laboratories.

EGOLF Position

The description of the test specimen in test reports should be accompanied by a comprehensive set of drawings containing sufficient details to visualize the construction of the specimen. The description together with the drawings shall allow the detailed reconstruction of the test specimen. Photographs may also be used.

The description of the test specimen at least includes:

- a list of the components of the test specimen, comprising their relevant properties (e.g. identification of the component such as product name/number, dimensions, density, moisture content and other material characteristics important for the function of the test specimen); this list can be omitted on condition that all information is given in the

drawings and the specimen description (including density, moisture content and weight);

- drawings, photos and/or descriptions that makes it possible to build an identical test specimen(e.g. position of components, fixings such as welds and other important descriptions that are needed to describe the test specimen);

- a comprehensive description of the mounting of the test specimen, which explains the fixing of the components to each other or to the supporting construction; this description also includes the details of the fixings used (e.g. material, dimensions, axis-to-axis distance and other important details that are important for the function of the test specimen).

The description of the test specimen in EXAP reports should not be as extensive as that in test reports. As EXAP reports can be based on several test reports, the approach to be used for describing the product in EXAP reports is to consider the common parts of the range of product instead of giving an extensive description of the tested product. Any variances in the product should be clearly listed in EXAP reports. In order to understand product variances, it is useful to link these variances to chapter references in EXAP standards.

The description of the test specimen in classification reports can be more schematic than that given in EXAP and test reports. The product description does not have to cover all details referenced in EXAP and test reports. However, the classification report should include in the product description and variances the key elements which describe specificities of the classified product. These key elements are elements which allow the organisation responsible for checking to clearly identify products during the checking process.