

<b>GNB-CPD</b>  <b>SG07</b>	<b>Guidance from the Group of Notified Bodies for the Construction Products Directive</b>  <b>89/106/EEC</b>	<b>NB-CPD/SG07/09/063</b> Issued: 27 January 2009  <b>APPROVED – GUIDANCE</b>
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## **GNB-CPD position paper from SG07 - EN 12101 series**

### ***Certification of Smoke and heat control systems***

#### **General scope, limitations and aim of this guidance for Notified Bodies (NBs)**

This position paper contains guidance for Notified Bodies (NBs) involved in the attestation of conformity of smoke and heat control systems according to the EN 12101 series of standards. The purpose is to help NBs work equivalently and come to common judgments. This guidance contains informative material (which NBs should or may follow) and/or normative guidance (which NBs shall follow or at least work equivalently to as circumstances demand).

This guidance is thought necessary to provide clarity and completeness for NBs so that they can work equivalently. It **supplements and makes practical for NBs** the EN 12101 series of harmonized standards, approved Advisory Group guidance, and Standing Committee guidance in the form of GPs, which also apply - unless otherwise explicitly stated in this guidance. This position paper should **not** contradict nor extend the scope of the work and role of a NB, nor impose additional burdens on the manufacturer, beyond those laid down in the CPD and the EN 12101 series of standards.

This guidance should be considered valid until the relevant standards are amended to include the guidance (as thought fit by the CEN/TC); or until guidance from Commission, SCC, and AG has changed on relevant matters. Whereupon, the paper should be considered for withdrawal/revision and be replaced by new guidance as necessary.

This position paper was considered approved by SG07 on 3 September 2008 and by Advisory Group on 24 January 2009.

## **1 EN 12101-2:2003 - Smoke and heat control systems - Part 2: Specification for natural smoke and heat exhaust ventilators**

### **1.1 Question**

Is it acceptable to declare Aa (Aerodynamic area) as NPD (No Performance Declared)?

### **1.2 Answer**

Aa shall always be declared. NPD is not acceptable.

## **2 EN 12101-3:2002 - Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators**

### **2.1 Question 1**

EN 12101-3 paragraph 4.1, requires that the manufacturer classifies the product as:

- Insulated or uninsulated
- Smoke reservoir or non smoke reservoir

The manufacturer's classification has influence on the testing (paragraph 6.3 and Annex C) and on the use.

Shall all NBs give the information on these classifications on the certificate or is it only referenced in the ITT?

### **2.2 Answer to Question 1**

All NBs shall state all application classes (see EN 12101-3, clause 4.1) in the certificate.

### **2.3 Question 2**

Are ventilators used in tunnels covered by EN 12101-3?

### **2.4 Answer to Question 2**

Yes, the revision of EN 12101-3 will make that clear.

### **2.5 Question 3**

Shall checks of the minimum clearance between the impeller and the casing be addressed in the FPC?

### **2.6 Answer to Question 3**

Yes. The measurement of the minimum clearance between the impeller and the casing shall be in accordance with the information provided by the testing/notified laboratory in the test report to insure that the ventilator works at high temperature.

### **3 EN 12101-6:2005 - Smoke and heat control systems - Part 6: Specification for pressure differential systems - Kits (Incorporating corrigendum August 2006)**

#### **3.1 Question**

Can conformity assessment procedures for pressure differential systems as defined in EN 12101-6 be undertaken?

#### **3.2 Answer**

In paper CONSTRUCT 07/802, tabled at the 66th Standing Committee on Construction, Commission Services recognized that the standard is written around the testing and assessment of installed systems, and does not provide for CE marking of the kit as such. It is expected that its citation as a harmonized standard will be withdrawn. It is recommended that NBs should advise any potential clients of this situation.