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**Certification Rule Complement -  
Stabilizers - NBR 14373-2006-INF**

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### 1 OBJECTIVE

This document presents the complementary criteria of the "Product Certification Rule" - RC-001 for granting and maintaining the license to use the SBAC or TÜV Rheinland do Brasil Ltda Compliance Mark.

### 2 ACRONYMS

For this document the definitions of the standard NBR 14373:2006 hereafter referred to only as "Standard" and the annex to the Ordinance 262, hereafter referred to only as RAC are adopted.

### 3 FIELD OF APPLICATION

This supplement applies to single phase voltage stabilizers with AC voltage output, with a nominal voltage up to 250V, in powers up to 3kVA/ 3kW.

Note: voltage stabilizers with single-phase or two-phase AC voltage output, and rated voltage up to 250V, in powers greater than 3 kVA, but which have power, in watts, less than or equal to 3 kW are also covered by this CRC.

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### **4 CONFORMITY ASSESSMENT**

The conformity assessment shall follow that defined in the RAC, with the following additions:

#### **4.1 Analysis of the Documentation**

The following documents and the documents established by the RAC must be submitted for analysis:

- User and/or service manual
- Labels
- Electrical Diagram

#### **4.2 Initial Factory Assessment**

In the factory assessment the requirements of the manufacturing quality management system contained in the Factory Audit Report are checked.

#### **4.3 Initial Tests**

The initial tests are all those prescribed in Chapter 4 of standard NBR 14373:2006, considering the adjustments established in Annex D of the Regulation of Conformity Assessment of Ordinance 262 of July 12, 2007.

#### **4.4 Use of Testing Laboratories**

According to item 12 of the Regulation of Conformity Evaluation - Annex of the Ordinance N° 262 / 2007.

#### **4.5 Monitoring Audits**

The periodic assessment of the manufacturing quality management system shall be performed at least once every six months after the authorization for the use of the conformity identification seal is granted, according to Annex B of RAC.

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### **4.6 Monitoring Tests**

The samples in number of 3 (sample, counterproof and witness) shall be collected in commerce, at the time of the follow-ups, according to item A.2.6 of Annex A of RAC.

The tests are those listed in item A.2.1 of Annex A of RAC.

### **4.7 Routine Tests**

The routine tests are those mentioned in item A.5 of Annex A of RAC.

They are as follows:

- Functional, according to item 4.4.7 of standard NBR 14373:2006
- Dielectric strength 1250V~ for class I appliances (guaranteed through certification of the connector cord and the transformer or in production tests)
- Dielectric strength 2750V~ for class II appliances (through tests in a stage of the production process)
- Grounding continuity (it is recommended to check the Grounding resistance, which should be less than 0.1 Ohm, by applying a test current of 1.5 times the nominal current, but not more than 25A).

## **5 IDENTIFICATION OF CERTIFICATION**

The Compliance Identification Mark shall be applied according to Annex C of RAC (Inmetro Ordinance No. 262:2007). Here is a link to that ordinance for consultation purposes:

- <http://www.inmetro.gov.br/legislacao/rtac/pdf/RTAC001163.pdf>

The seal cannot be used on business cards, and the TÜV must formally approve the use of the mark in promotional, office, or any other use.

The Conformity Identification Mark to be applied both on the product packaging and on the product itself is shown below:

**Certification Rule Complement -  
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Fontes  
 Univers  
**Univers-Black**



Uma Cor

Pantone 1235

-  100%
-  80%

CMYK

-  C0 M27 Y76 K2
-  C0 M20 Y75 K2

## 6 REVISION HISTORY

Revision	Change	Date	Responsible
0	Translation of document CRC-P0303 Rev.0 to English version	21.04.2021	Débora Reis

## 7 RELATED DOCUMENTS

- RC-001\_EN – Products and Mobility Certification Rule

## 8 EXTERNAL REFERENCE DOCUMENTS

- INMETRO Ordinance No. 262, of July 12, 2007
- NBR 14373:2006 - AC voltage stabilizers - Power up to 3kVA/ 3kW.