

Certificate

of

Constancy of Performance

Certificate No.: 0560-CPR-13219001

Issue: 00

In compliance with the procedure specified in RD_090, Telefication declares as designated Notified Body for the European Construction Products Regulation, that the stated products, evaluated according Annex 1 of this certificate, are in conformity with Regulation (EU) No 305/2011, based on the applicable Technical Standards and Specifications as listed under Annex 2 of this Certificate.

Product description: **Voice Alarm Control and Indication Equipment (VACIE)**
Trademark: **Schraner**
Family name: **SASKIA 5416**
Type designation: **See annex 3**
Serial No: --
Hard-|Software release No: **See annex 3|See annex 3**

Manufacturer: **Schraner GmbH**
Address: **Weinstrasse 45**
City: **91058 Erlangen**
Country: **Germany**

This certificate is granted to:

Name: **Schraner GmbH**
Address: **Weinstrasse 45**
City: **91058 Erlangen**
Country: **Germany**

This certificate is valid as long as the requirements laid down in the technical specification(s) listed in Annex 2 do not change, and the product and the manufacturing conditions in the factory and the factory production control are not modified significantly.

This certificate has THREE Annexes.
Zevenaar, 17 March 2015



i.o.


W.J.M. Jong
Manager Product Certification



- Each product to which this Certificate of Constancy of Performance relates (see Annex 3 of this certificate), has been placed under the scope of the Construction Products Directive by EU Commission decision 96/577/EC and therefore falls under the Construction Products Regulation 305/2011 after July 1st 2013.
- There is a presumption of conformity with respect to the requirements as listed in Annex I of the Construction Products Directive and Construction Products Regulation 305/2011, when all applicable harmonised standards listed in the Official Journal of the EU are being applied.
- This certificate is part of the Assessment and Verification of Constancy of Performance system 1, as described in annex V of the Construction Products Regulation and made applicable by EU Commission decision 96/577/EC.
- The validity of this Certificate of Constancy of Performance is limited to products, which are equal to the one(s) assessed for this Certificate of Constancy of Performance (see Annex 3 of this certificate).
- When the manufacturer (or holder of this Certificate of Constancy of Performance) is placing the products on the European market, he is obliged to label the products with the prescribed CE logo and the Notified Body number of Telefication: 0560. The CE logo stands for conformity to all applicable directives. This Certificate of Constancy of Performance is limited to the Construction Products Regulation.

Remarks and observations

The following conditions are applicable:

Voice Alarm Control and Indication Equipment (VACIE) SASKIA 5416 consists of:

19" Standschrank-CLG (maximal 41HE)

Power-Unit (artikel no:417060) with Hardware Version 2
 AMP-Unit (artikel no:417020) with Hardware Version 3
 Relais-Unit (artikel no: 417030) with Hardware Version 1
 Control-Unit (artikel no:417010) with Hardware Version 3

Essential Characteristics of EN 54-16:	Clauses:	Performance:
Performance under fire condition	4, 5, 7, 16.5, 16.6 10, 12, 16.7	Pass N/A
Response delay (response time to fire)	7.1 7.4, 7.8, 12	Pass N/A
Operation reliability	4, 5, 6, 7, 8, 9, 13, 14 11, 12	Pass N/A
Durability of operational reliability		
Temperature resistance	16.4, 16.8	Pass
Durability of operational reliability		
Impact and vibration resistance	16.11, 16.12, 16.13	Pass
Durability of operational reliability		
Electrical stability	16.14, 16.15	Pass
Durability of operational reliability		
Humidity resistance	16.9, 16.10	Pass

Implemented optional functions with requirements (per clause of EN 54-16):

- 7.3 Audible warning
- 7.5 Phased evacuation
- 7.6.2 Manual silencing of the voice alarm condition
- 7.7.2 Manual reset of the voice alarm condition
- 7.9 Voice alarm condition output
- 8.4 Indication of fault related to voice alarm zones
- 9 Disabled condition
- 13.14 Redundant power amplifiers

Essential Characteristics of EN 54-4:	Clauses:	Performance:
Performance under fire condition	4, 5, 6	Pass
Operation reliability	4, 5, 6, 7, 8	Pass
Durability of operational reliability		
Temperature resistance	9.5	Pass
Durability of operational reliability		
vibration resistance	9.7, 9.8, 9.15	Pass
Durability of operational reliability		
Electrical stability	9.9 to 9.13	Pass
Durability of operational reliability		
Humidity resistance	9.6, 9.14	Pass

Documentation lodged for this Certificate of Constancy of Performance

Test Reports:

- Telefication B.V.: 20104409800 Ver. 2.00, 03 March 2015
- Telefication B.V.: 20104409801 Ver 1.00, 12 February 2015

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electric diagrams
- User manual
- Manufacturer's declarations

Technical Standards and Specifications

The product shows no non-compliances with:

- EN 54-16: March, 2008
- EN 54-4: 1997
- EN 54-4: A1, 2002
- EN 54-4: A2, 2006

Technical features and characteristics

The product includes the following features and characteristics:

- Voice Alarm Equipment
- 100V loudspeaker outputs

The product as described in this certificate includes the following type designations:

- Product description: Voice Alarm Control and Indication Equipment (VACIE)
- Trademark: Schraner
- Family name: SASKIA 5416
- Type Designation: CU, AU, PU, RU
- Hardware version: 3, 3, 1, 2
- Software version: 1.3