CE
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Construction Products Regulations (305/2011/EU – CPR)

Declaration of Performance – 25993

1. Unique identification code of the product type: Xtralis OSID

Models:	
OSI-10	*Imager - 7º horizontal FOV*
OSI-45	*Imager - 38º horizontal FOV*
OSI-90	*Imager - 80º horizontal FOV*
OSE-SP	*Emitter - Standard Power, Battery*
OSE-SP-01	*Emitter – Standard Power, Alkaline Battery*
OSE-SPW	*Emitter - Standard Power, Wired*
OSE-HPW	*Emitter - High Power, Wired*
OSE-HP-01	*Emitter - High Power, Alkaline Battery*
French versions:	
OSI-10-NF	*Imager - 7º horizontal FOV (NF)*
OSI-45-NF	*Imager - 38º horizontal FOV (NF)*
OSI-90-NF	*Imager - 80º horizontal FOV (NF)*

2. Intended use:

Line smoke detectors using an optical light beam for use in fire detection systems installed in buildings

3. Manufacturer:

Xtralis Pty Ltd
4 North Drive, Virginia Park
236-262 East Boundary Road
Bentleigh East
Victoria 3165
Australia

4. European address:

Xtralis UK Ltd
Peoplebuilding
Ground Floor
Maylands Avenue
Hemel Hempstead
Herts HP2 4NW

5. System of assessment of continuity of performance (AVCP): System 1

6. The products are certified to the harmonised standard(s) identified in the table below by:

AFNOR *Notified Body Number: 0333*
11, rue Francis de Pressensé
93571 La Plaine Saint-Denis Cedex

who have performed product type tests, initial inspection and subsequent surveillance of factory production control under system 1 and have issued the following certificates:

- EC Certificate of Constancy of Performance: *0333-CPR-075387 (Australia or Malaysia)*

7. Declared Performance: See next page

8. Declaration:

The performance of the product identified above is in conformity with the declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer

Name: Samir Samhouri

Position: CEO

Signature:

Date: Janaury 05, 2016

For line type smoke detectors using an optical light beam

Harmonised Technical Specification		*EN 54-12:2002*
Essential characteristics	**Performance**	**Clause**
Nominal activation conditions/sensitivity:		
Onsite adjustment of response threshold value	*pass*	4.5
Limit of compensation	*pass*	4.8
Fault signaling	*pass*	4.10
Reproducibility	*pass*	5.2
Repeatability	*pass*	5.3
Directional dependence	*pass*	5.4
Rapid changes in attenuation	*pass*	5.6
Slow changes in attenuation	*pass*	5.7
Optical path length dependence	*pass*	5.8
Fire sensitivity	*pass*	5.9
Stray light	*pass*	5.10
Operational reliability:		
Connection of ancillary devices	*pass*	4.3
Manufacturer's adjustments	*pass*	4.4
Protection against the ingress of foreign bodies	*pass*	4.6
Monitoring of detachable detectors and connections	*pass*	4.7
Software controlled detectors	*pass*	4.9
Electromagnetic compatibility (EMC), immunity	*pass*	5.16
Impact (operational)	*pass*	5.18
Tolerance to supply Voltage:		
Variation in supply parameters	*pass*	5.5
Performance under Fire conditions		
Individual alarm indication	*pass*	4.2
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	*pass*	5.11
Cold (operational)	*pass*	5.12
Vibration resistance		
Vibration (endurance)	*pass*	5.15
Humidity resistance:		
Damp heat, steady state (operational)	*pass*	5.13
Damp heat, steady state (endurance)	*pass*	5.14
Corrosion resistance:		
SO2 corrosion (endurance)	*pass*	5.17