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

Declaration of Performance – 25999_00

1. Product: Xtralis ICAM ILS

2. Product Type:
allowing identification of the construction product as required pursuant to Article 11(4)

Models:	
ILS-1	*Laser Air-sampling smoke detector with one inlet*
ILS-2	*Laser Air-sampling smoke detector with two inlets*
French versions:	
ILS-1-NF	*Laser Air-sampling smoke detector with one inlet*
ILS-2-NF	*Laser Air-sampling smoke detector with two inlets*
OEM versions:	
EF-LASD1	*LASD with 1 inlet*
EF-LASD2	*LASD with 2 inlets*
AutoSAT 10	*Laser Air-sampling smoke detector with one inlet*
AutoSAT 20	*Laser Air-sampling smoke detector with two inlets*

3. Intended use:

Aspirating smoke detectors for use in fire detection and fire alarm systems installed in and around buildings

4. Manufacturer:

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

5. European address:

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

6. System of assessment: System 1

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7. The products are certified to the relevant harmonised standard(s) by:

VdS Schadenverhutung GmbH *Notified Body Number: 0786*
Amsterdamer Str. 174
D-50735 Cologne
Germany

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 Conformity Number: *0786-CPD-20586 (China)*

8. European Technical Assessment(s): Not relevant

9. Declared Performance: See next page

10. Declaration:

The performance of the product identified in points 1 and 2 are in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed for and on behalf of the manufacturer

Name: Samir Samhouri

Position: CEO

Signature: 

Date: June 27, 2013

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For aspirating smoke detectors the following table applies

Harmonised Technical Specification		***EN 54-20:2006***
Essential characteristics	**Performance**	**Clause**
Nominal activation conditions/sensitivity/response delay and performance under fire conditions:		
Response to slowly developing fires	*pass*	5.6
Repeatability	*pass*	6.2
Reproducibility	*pass*	6.3
Fire sensitivity (Class A, B &/or C)	*Class A,B & C*[(1)]	6.15
Operational reliability:		
Individual alarm indication	*pass*	5.2
Connection of ancillary devices	*pass*	5.3
Manufacturer's adjustments	*pass*	5.4
On-site adjustment of behaviour	*pass*	5.5
Mechanical strength of the pipework	*pass*	5.7
Components in the sampling device	*pass*	5.8
Airflow monitoring	*pass*	5.9
Power supply	*pass*[(2)]	5.10
Data	*pass*	5.11
Software controlled detectors	*pass*	5.12
Tolerance to supply Voltage:		
Variation in supply parameters	*pass*	6.4
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	*pass*	6.5
Cold (operational)	*pass*	6.6
Vibration resistance		
Shock (operational)	*pass*	6.10
Impact (operational)	*pass*	6.11
Vibration sinusoidal (operational)	*pass*	6.12
Vibration sinusoidal (endurance)	*pass*	6.13
Electrical stability:		
Electromagnetic compatibility (EMC), immunity	*pass*	6.14
Humidity resistance:		
Damp heat, steady state (operational)	*pass*	6.7
Damp heat, steady state (endurance)	*pass*	6.8
Corrosion resistance:		
SO2 corrosion (endurance)	*pass*	6.9

(1) The class of any pipe/hole configuration and detector sensitivity is determined using ASPIRE2
(2) The detector should be supplied with power from a power supply conforming to EN 54-4