

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

### Declaration of Performance – 36259

#### 1. Unique identification code of the product type: Xtralis VESDA-E VEP EBTI

##### Models:

VEP-A00-1P-EBTI	VESDA-E VEP 1-Pipe with LEDs with Esser Transponder
VEP-A00-P-EBTI	VESDA-E VEP with LEDs with Esser Transponder
VEP-A10-P-EBTI	VESDA-E VEP with 3.5" LCD display with Esser Transponder

##### Remote Units:

VRT-200	Remote Display (VLP) with 7 relays
VRT-300	VESDAnet socket
VRT-500	Remote Relay unit with 7 relays
VRT-600	Remote Display (VLP) with no relays
VRT-X00	Analytics Relay Module
VSR-xxxx	These remote units may be rack mounted

##### Ancillaries:

E700-FILASSY	In line filter
VSP-850	In line filter

#### 2. Intended use:

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

#### 3. Manufacturer:

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

#### 4. European address:

Pittway Tecnologica Srl.  
Via Caboto,  
19/3 34147 Trieste,  
Italy

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

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

VdS Schadenverhütung GmbH  
Amsterdamer Str. 174  
D-50735 Cologne  
Germany

Notified Body Number: 0786

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: 0786-CPR-21707 (Italy)

**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: Kishore Chauhan

Position: Sr Advanced Quality Engineer

Signature: 

Date: 01/12/2020

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	<i>npd</i>	5.6
Repeatability	<i>pass</i>	6.2
Reproducibility	<i>pass</i>	6.3
Fire sensitivity (Class A, B &/or C)	<i>Class A,B &amp; C<sup>(1)</sup></i>	6.15
Operational reliability:		
Individual alarm indication	<i>pass</i>	5.2
Connection of ancillary devices	<i>pass</i>	5.3
Manufacturer's adjustments	<i>pass</i>	5.4
On-site adjustment of behaviour	<i>pass</i>	5.5
Mechanical strength of the pipework	<i>pass</i>	5.7
Components in the sampling device	<i>pass</i>	5.8
Airflow monitoring	<i>pass</i>	5.9
Power supply	<i>pass<sup>(2)</sup></i>	5.10
Data	<i>pass</i>	5.11
Software controlled detectors	<i>pass</i>	5.12
Tolerance to supply Voltage:		
Variation in supply parameters	<i>pass</i>	6.4
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	<i>pass</i>	6.5
Cold (operational)	<i>pass</i>	6.6
Vibration resistance		
Shock (operational)	<i>pass</i>	6.10
Impact (operational)	<i>pass</i>	6.11
Vibration sinusoidal (operational)	<i>pass</i>	6.12
Vibration sinusoidal (endurance)	<i>pass</i>	6.13
Electrical stability:		
Electromagnetic compatibility (EMC), immunity	<i>pass</i>	6.14
Humidity resistance:		
Damp heat, steady state (operational)	<i>pass</i>	6.7
Damp heat, steady state (endurance)	<i>pass</i>	6.8
Corrosion resistance:		
SO2 corrosion (endurance)	<i>pass</i>	6.9

(1) The class of any pipe/hole configuration and detector sensitivity is determined using ASPIRE

(2) The detector should be supplied with power from a power supply conforming to EN 54-4

Harmonised Technical Specification		EN 54-17:2005
Essential characteristics	Performance	Clause
Constancy of performance in the event of fire	pass	5.2
Operational reliability	pass	4
Constancy of operational reliability; temperature resistance	pass	5.4, 5.5
Constancy of operational reliability; vibration resistance	pass	5.9 to 5.12
Constancy of operational reliability; humidity resistance	pass	5.6, 5.7
Constancy of operational reliability; corrosion resistance	pass	5.8
Constancy of operational reliability; electrical stability	pass	5.3, 5.13

Harmonised Technical Specification		EN 54-18:2005
Essential characteristics	Performance	Clause
Constancy of performance in the event of fire	pass	5.1.4
Operational reliability	pass	5.1.4
Constancy of operational reliability; temperature resistance	pass	5.3, 5.4
Constancy of operational reliability; vibration resistance	pass	5.8 to 5.11
Constancy of operational reliability; humidity resistance	pass	5.5, 5.6
Constancy of operational reliability; corrosion resistance	pass	5.7
Constancy of operational reliability; electrical stability	pass	5.2, 15.12