



Baldwin Boxall declares the following;

1	Product Type Reference	VIGIL Voice Alarm
2	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	See product label and marking
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Voice alarm control and indicating equipment (VACIE) for fire alarm systems for buildings
4	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Baldwin Boxall Communications Limited Wealden Industrial Estate Farningham Road Jarvis Brook Crowborough TN6 2JR England
5	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	Not applicable
6	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	System 1
7	In case of the declaration of performance concerning a construction product covered by a harmonised standard:	The construction product is covered by the harmonised standard - EN54-16:2008 CNBOP Notified Body No 1438 performed type testing, an inspection of the manufacturing plant and of the factory production control and issued an EC Certificate of conformity, No: 1438-CPR-0211
8	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not applicable

Declaration of Performance No 1438-CPR-0211

Signed:

Name: Anthony Morgan

Position: Technical Director

Date: 24/05/2023

EN54-16 DOP VIGIL Voice Alarm Iss: 2 ECR5198

Our Vision: Life safety for every building - for everyone - everywhere

EN54-16 Essential Characteristics:

Essential Characteristic	Performance	Harmonised Standard: EN 54-16:2008
Performance under fire conditions		
General requirements	PASS	4
General requirements for indications	PASS	5
The voice alarm condition	PASS	7
Voice alarm manual control	PASS	10
Emergency microphone(s)	PASS	12
Signal to noise ratio	PASS	16.5
Frequency response of VACIE without microphone(s)	PASS	16.6
Frequency response of VACIE with microphone(s)	PASS	16.7
Response delay (response time to fire)		
Reception and processing of fire signals	PASS	7.1
Delays to entering the voice alarm condition	NPD	7.4
Output to fire alarm devices	NPD	7.8
Emergency microphone(s)	PASS	12
Operational reliability		
General requirements	PASS	4
General requirements for indications	PASS	5
The quiescent condition	PASS	6
The voice alarm condition	PASS	7
Fault warning condition	PASS	8
Disablement condition	NPD	9
Interface to external control devices	PASS	11
Emergency microphone(s)	PASS	12
Design requirements	PASS	13
Additional design requirements for a software controlled VACIE	PASS	14
Durability of operational reliability, temperature resistance		
Output power	PASS	16.4
Cold (operational)	PASS	16.8
Durability of operational reliability, impact and vibration resistance		
Impact (operational)	PASS	16.11
Vibration, sinusoidal (operational)	PASS	16.12
Vibration, sinusoidal (endurance)	PASS	16.13
Durability of operational reliability, electrical stability		
Supply voltage variation	PASS	16.14
Electromagnetic compatibility (EMC) immunity tests (operational)	PASS	16.15
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	PASS	16.9
Damp heat, steady state (endurance)	PASS	16.10
Optional Features		
Audible Warning	NPD	7.3
Delays to entering the voice alarm condition	NPD	7.4
Phased evacuation	PASS	7.5
Manual silencing of the voice alarm condition	NPD	7.6.2
Manual reset of the voice alarm condition	NPD	7.7.2
Output to fire alarm devices	NPD	7.8
Voice alarm condition output	NPD	7.9
Indication of faults relating to the transmission path of the CIE	PASS	8.3
Indication of faults relating to voice alarm zones	PASS	8.4
Disablement condition	NPD	9
Voice alarm manual control	PASS	10
Interface to external control devices	PASS	11
Emergency microphone(s)	PASS	12
Redundant power amplifiers	PASS	13.14

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