



**NOTIFIED BODY No. 1488  
INSTYTUT TECHNIKI BUDOWLANEJ  
CERTIFICATION DEPARTMENT**

ul. FILTROWA 1, 00-611 WARSZAWA  
ph.: +48 (22) 57 96 167, +48 (22) 57 96 168, fax: +48 (22) 57 96 295  
e-mail: certyfikacja@itb.pl, www.itb.pl



## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**1488-CPR-0586/W**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

### Smoke alarm device type: J4A, J4B, J4C

general identification, intended use, essential characteristics and parameters are described in Annex No. Z-1488-CPR-0586/W which is an integral part of this certificate

placed on the market under the name or trade mark of:

**Jalo Helsinki Ltd.  
Lemuntie 3-5  
00510 Helsinki  
Finland**

and produced in the manufacturing plant:

XXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXX

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

### EN 14604:2005 + EN 14604:2005/AC:2008

under system 1 for the performances set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 03.02.2017 and will remain valid as long as the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

DEPUTY HEAD  
of the Certification Department

Magdalena Wójtowicz, M.Sc. Eng



Warsaw, 03.02.2017

DEPUTY DIRECTOR  
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng



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**Annex No. Z-1488-CPR-0586/W page 1/2**  
which is an integral part of the certificate No. 1488-CPR-0586/W

**Smoke alarm device type: J4A, J4B, J4C**

List of essential characteristics and performance of construction product  
in accordance with EN 14604:2005 + EN 14604:2005/AC:2008

Essential characteristics and performances of the product	EN 14604:2005 + EN 14604:2005/AC:2008	Mandated level and/or class	Assessment
	Clause		
<b>Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions</b>			
Smoke alarm signals	4.12	-	pass
Repeatability	5.2	-	pass
Directional dependence	5.3	-	pass
Initial sensitivity	5.4	-	pass
Air movement	5.5	-	pass
Dazzling	5.6	-	pass
Fire sensitivity	5.15	-	pass
Sound output	5.17	-	pass
Sounder durability	5.18	-	pass
Alarm silence facility	5.20	-	pass
<b>Operational reliability</b>			
Compliance	4.1	-	pass
Individual alarm indicator	4.2	-	pass
Means of calibration	4.5	-	pass
User replaceable components	4.6	-	pass
Normal power source	4.7	-	pass
Electrical safety requirements	4.9	-	pass
Routine test facility	4.10	-	pass
Battery capacity	4.15	-	pass
Protection against the ingress of foreign bodies	4.16	-	pass
Additional requirements for software controlled smoke alarms	4.17	-	pass
Marking and data	4.19	-	pass
Impact	5.11	-	pass
Battery fault warning	5.16	-	pass
Electrical safety – assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire:	5.24		
- mechanical strength	5.24.6	-	pass
- components	5.24.8	-	pass
<b>Tolerance to supply voltage</b>			
Variation in supply voltage	5.21	-	pass
<b>Durability of operational reliability, temperature resistance</b>			
Dry heat (operational)	5.7	-	pass
Cold (operational)	5.8	-	pass
<b>Durability of operational reliability, vibration resistance</b>			
Vibration (operational)	5.12	-	pass
Vibration (endurance)	5.13	-	pass
<b>Durability of operational reliability, humidity resistance</b>			
Damp heat (operational)	5.9	-	pass
<b>Durability of operational reliability, corrosion resistance</b>			
Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.10	-	pass
<b>Durability of operational reliability, electrical stability</b>			
Electromagnetic compatibility (EMC), immunity (operational)	5.14	-	pass

Declared intended use of the product: Fire Safety

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Warsaw, 03.02.2017

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**Annex No. Z-1488-CPR-0586/W page 2/2**  
which is an integral part of the certificate No. 1488-CPR-0586/W

**Smoke alarm device type: J4A, J4B, J4C**

List of essential characteristics and performance of construction product  
in accordance with EN 14604:2005 + EN 14604:2005/AC:2008

**Basic parameters**

Type	J4A	J4B	J4C
Power supply:	non-repleceable Lithium battery type CR17450-Eve Energy		
Battery capacity:	2300 mAh		
Supply voltage:	3V		
Temperature range:	0÷45°C		
Sound output:	min. 85 dB at 3m		
Humidity:	max 95 %		
Weight:	125g		140 g
Material:	ABS plastic, fabric coated	ABS plastic, chrome plated	ABS plastic

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Warsaw, 03.02.2017

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# INSTYTUT TECHNIKI BUDOWLANEJ CERTIFICATION DEPARTMENT

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## CERTIFICATION MARK

The company

**Jalo Helsinki Ltd.**  
**Lemuntie 3-5**  
**00510 Helsinki**  
**Finland**

being the manufacturer of the product

**Smoke alarm device type: J4A, J4B, J4C**

is authorized to use  
the ITB certification mark „WYRÓB BUDOWLANY”  
during the period of validity of the certificate no. 1488-CPR-0586/W



**1488-CPR-0586/W**

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Warsaw, 03.02.2017

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