

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

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

55000-220AMP Series 65 conventional integrating ionisation smoke detector for use in fire detection and alarm systems

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

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

Ampac Pty Ltd
7 Ledger Road, Balcatta, 6021, Australia

and produced in the manufacturing plant:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

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

EN 54-7:2000/A1:2002/A2:2006 : Fire detection and fire alarm systems - Part 7: Smoke detectors - Point detectors using scattered light, transmitted light or ionization

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2019-10-28**.

This certificate will remain valid as long as neither the harmonized standard, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

This certificate was first issued 2019-10-28.



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

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Annex 1

EXTENT

Type:

55000-220AMP Series 65 conventional integrating ionisation smoke detector for use in fire detection and alarm systems

Bases:

- 45681-200AMP Series 60 mounting base
- 45681-201AMP Series 60 diode mounting base
- 45681-245AMP Series 65 relay mounting base
- 45681-246AMP series 65 auxiliary mounting base
- 45681-247AMP Series 65 EOL 12 Volt mounting base
- 45681-248AMP Series 65 EOL 24 Volt mounting base

Performance

Essential characteristics	Clauses in EN 54-7:2000	Performance
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9	Pass
Durability of operational reliability; vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability; humidity resistance	5.10, 5.11	Pass
Durability of operational reliability; corrosion resistance	5.12	Pass
Durability of operational reliability; electrical stability	5.17	Pass

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
VdS	BMA 00014	11 February 2000

TECHNICAL BASIS

File Number	Title
55000-220	Build Standard
45681-200	Build Standard
45681-201	Build Standard
45681-245	Build Standard
45681-246	Build Standard
45681-247	Build Standard
45681-248	Build Standard

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