Statement – SelfVerify® detectors maintenance procedure

Autronica Fire and Security recommend that functional test of smoke, heat and Multisensor detectors with SelfVerify® function is done automatically by the systems.

For detectors without SelfVerify® function the recommended test interval is 1 year.

These are recommendations, local regulations and more strict requirements may apply.

The SelfVerify® function is performed automatically every 24 hours, and is a calibrated self-test of the sensor elements verifying that the sensitivity of the detector is within the approved area. The SelfVerify® function includes testing the signal path to the system panel, Alarm Devices and Output units. In other words, the self-test ensures that the detector is able to initiate an alarm when it should, and at the correct sensitivity level according to EN54 part 5 and 7.

Due to the fact that the SelfVerify® test is using a calibrated test signal, Autronica Fire and Security consider this to be equal or better than a non-calibrated manual physical test with smoke or test gas.

What the SelfVerify® function does not discover is if the detector is physically covered or building/structure changes has been done. Autronica Fire and Security therefore recommend a yearly visual inspection.
The Self Verify function can also be performed on demand by an authorized technician equipped with the appropriate instrumental tools (WAS-2000/AS-2000).

The SelfVerify® function is included in the following detectors:
Heat : BD-300, BD-500, BD-500/N, BD-500/EX, BD-501, BD-501/N, BD-500/EX
Optical smoke: BH-300, BH-500, BH-500/N, BH-500/EX, BH-500/S, BH-500/S/N, BH-500/S/EX
Multisensors: BH-320, BH-520, BH-520/N, BH-520/EX (only the optical part)

Multicriteria: V-430/CD, V-430-S/CD, V-430-VADW/CD, V-430-VADR/CD, V-430-S-VADW/CD, V-430-S-VADR/CD
V-530 (all variants)

The detectors must be connected to an AutroSafe or AutroPrime system for SelfVerify® to work.

Autronica Fire and Security's recommendation is based on analysis made by SINTEF, NEMKO and proven in use data since the release of SelfVerify® in 1998.

Trondheim 19th of October, 2022

![Signature]

![Autronica Fire and Security AS stamp – 1957]

Product Manager
Autronica Fire and Security AS
A Carrier Company

AUTRONICA FIRE AND SECURITY AS
Hovedkontor / Main Office: P.O. Box 5620, NO-7483 Trondheim, Norway   Tel: +47 90 90 55 00   Fax: +47 73 58 25 01   E-mail: info@autronicafire.no
www.autronicafire.no / www.autronicafire.com

Org,nr./Org.no. NO 979 975 503 (MVA/VAT)