

Clarification Request

References: BTL TP 23.1, Test Plan Clause 5.22.1 and Specified Tests Clause 9.9.1.3.

Date of BTL-WG Response: October 2, 2023

Background:

135-2020 Clause 13.13 - LifeSafetyOperation Service states:

The LifeSafetyOperation service is intended for use in fire, life safety and security systems to provide a mechanism for conveying specific instructions from a human operator to accomplish any of the following objectives:

- (a) silence audible or visual notification appliances,
- (b) reset latched notification appliances, or
- (c) unsilence previously silenced audible or visual notification appliances.

The term 'appliance' is not defined in 135-2020.

In Test 9.9.1.3:

The Test Concept states, "An audible device and/or visual device is attached to the IUT and is sounding/flashing, because a life safety object has entered a non-normal state and the property Silenced is UNSILENCED."

The Configuration Requirements states, "The IUT must be fitted with needed audible and visual equipment."

Problem:

135-2020 Clause 13.13 does not specify what a 'notification appliance' is but Test 9.9.1.3 requires the IUT to be fitted with audible and visual equipment. The test is too explicit and does not allow for applications where the actual audible or visual equipment is one or more external devices, controlled using some mechanism.

Question:

Should test 9.9.1.3 be changed to allow the IUT to use some other mechanism to indicate audible and visual notifications have been silenced or unsilenced?

Response:

Yes.