

Clarification Request

References: ASHRAE 135.1-2025, Test Package 26.1.

Date of BTL-WG Response: September 3, 2026

Background:

The purpose of the test 135.1-2025 - 8.5.17.7.1 is to verify whether the EE object detects fault by providing precedence to internal faults over Monitored Object Faults.

Problem:

The test conditionality for the Alarm-Internal and the Alarm-External is not the same. Below is the screenshot:

5.2.37 Supports CHANGE_OF_RELIABILITY in the Event Enrollment Object

The IUT contains, or can be made to contain, an Event Enrollment object that can generate EventNotifications with an Event_Type of CHANGE_OF_RELIABILITY.

135.1-2025 - 8.5.17.7.1 - Internal Faults Take Precedence Over Monitored Object Faults		
	Test Conditionality	If the IUT does not support an Event Enrollment object which can detect internal faults and monitor an object which detects faults, then this test shall be skipped.
	Test Directives	
	Testing Hints	
135.1-2025 - 8.5.17.7.2 - Monitored Object Faults Take Precedence Over Fault Algorithms		
	Test Conditionality	If the IUT does not support an Event Enrollment object which monitors an object which detects faults and which applies a fault algorithm, then this test shall be skipped.
	Test Directives	
	Testing Hints	

5.3.25 Supports CHANGE_OF_RELIABILITY in the Event Enrollment Object

The IUT contains, or can be made to contain, an Event Enrollment object that can generate EventNotifications with an Event_Type of CHANGE_OF_RELIABILITY.

135.1-2025 - 8.5.17.7.1 - Internal Faults Take Precedence Over Monitored Object Faults		
	Test Conditionality	Must be executed
	Test Directives	Execute test using an Event Enrollment object monitoring an object (O1) in a device other than the IUT.
	Testing Hints	
135.1-2025 - 8.5.17.7.2 - Monitored Object Faults Take Precedence Over Fault Algorithms		
	Test Conditionality	If the IUT does not support an Event Enrollment object which monitors an object which detects faults and which applies a fault algorithm, then this test shall be skipped.
	Test Directives	Execute test using an Event Enrollment object monitoring an object (O1) in a device other than the IUT.
	Testing Hints	

Question:

Can the test 8.5.17.7.1 be skipped for Alarm-External if the Event Enrollment object does not support monitoring its internal faults?

Response:

Yes. This matter will be referred to the SSPC for further consideration.