

Clarification Request

Reference: "BTL Specified Tests-3.0.final", "ASHRAE 135-2004, section 12.8.6, pg 168"

Background:

The description for the Status_Flags property in the Binary Value Object indicate that the IN_ALARM value shall be FALSE if the Event_State property is NORMAL and TRUE for any other Event_State.

Test BTL – 7.3.1.11 Acked_Transitions Tests, Step 23, seems to incorrectly indicate that the Status_Flags property, IN_ALARM value should be FALSE when the Event_State is FAULT.

Proposed Solution:

Change test 7.3.1.11 Acked_Transitions Test, step 23 to require the IN_ALARM portion of the Status_Flag property to be TRUE.

Changes to BTL Specified Tests: (reference BTL Specified Tests 3.0.final)

[Change 7.3.1.11 Acked_Transitions Test, pg 13-16]

7.3.1.11 Acked_Transitions Tests

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...
17. IF (the event-triggering object can be placed into a fault condition) THEN {
18.     MAKE (the event-triggering object change to a fault condition)

19.     WAIT (Time_Delay)
20.     BEFORE Notification Fail Time
        RECEIVE ConfirmedEventNotification-Request,
            'Process Identifier' =          (any valid process ID),
            'Initiating Device Identifier' = IUT,
            'Event Object Identifier' =      (the event-generating object configured for this test),
            'Time Stamp' =                  (any valid time stamp),
            'Notification Class' =           (the class corresponding to the object being tested),
            'Priority' =                     (the value configured to correspond to a TO-FAULT
transition),
            'Event Type' =                   (any valid event type),
            'Notify Type' =                  EVENT | ALARM,
            'AckRequired' =                  TRUE | FALSE,
            'From State' =                   NORMAL,
            'To State' =                     FAULT,
            'Event Values' =                 (values appropriate to the event type)
21.     VERIFY Event_State = FAULT
22.     VERIFY Acked_Transitions = (FALSE, FALSE, FALSE)
23.     VERIFY Status_Flags = (FALSETRUE, TRUE, ?, ?)
...

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Response:

BTL working group agrees to the changes recommended above.