## Test Case 4.1

Validated Requirements

24: Buzzer Sounding Critical B (Functional Requirement)

248: Buzzer Sounding Critical A (Functional Requirement)

Description

This Test Case verifies the Buzzer with sounding effect A&B.

Categories

|  |  |
| --- | --- |
| Formal Test | Yes |
| Execution Environment | Lab |
| V-Level | System |
| Function Group | Diagnostics |
| Regression | No |
| Automated | No |
| Single Unit Operation Applicability | Yes |
| Multiple Unit Operation Applicability | No |

Pre-Condition

Set train state to TS3.

Test Case Design

|  |  |  |
| --- | --- | --- |
| Sl.no | Action | Expected Result |
| 1 | Set DT1 cab to Active | Verify that the buzzer with a request of sounding Event A tone. |
| Set Most Significant Alarm with Fault Priority A. |
| 2 | Set Most Significant Alarm with no Fault Priority A. | Verify that the buzzer with not sounding Event A tone. |
| 3 | Set Most Significant Alarm with Fault Priority B. | Verify that the buzzer with a request of sounding Event B tone. |
| 4 | Set Most Significant Alarm with no Fault Priority B. | Verify that the buzzer with not sounding Event B tone. |
| 5 | Repeat the Above Steps for DT2 Cab | |

Post-Condition

Set train state to TS1.