## Test Case 4.3:

Validated Requirements

272: Buzzer Sounding DIR (Functional Requirement)

Description

This test case verifies the Buzzer with a request of sounding the DIR tone.

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 DIR tone for 5 Sec. |
| Set DIR is energized |
| Set Most Significant Alarm is not detected. |
| 2 | Set DIR is energized | Verify that the buzzer with no request of sounding DIR tone for 5 Sec. |
| Set Most Significant Alarm is detected. |
| 3 | Set DIR is not energized | Verify that the buzzer with no request of sounding DIR tone for 5 Sec. |
| Set Most Significant Alarm is not detected. |
| 4 | Set DIR is not energized | Verify that the buzzer with no request of sounding DIR tone for 5 Sec. |
| Set Most Significant Alarm is detected. |
| 5 | Repeat the Above Steps for DT2 Cab | |

Post-Condition

Set train state to TS1.