## Test Case 3.8

Validated Requirements

216016: Monitor tail lights (Functional Requirement)

Description

This test case verifies the event "Failure of tail light" when Local cab is inactive and Tail Light is OFF

Categories

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| Formal Test | Yes |
| Execution Environment | Lab |
| V-Level | System |
| Function Group | Train Control, Presence and Coupling |
| Regression | No |
| Automated | No |
| Single Unit Operation Applicability | Yes |
| Multiple Unit Operation Applicability | No |

Pre-Condition

1. Set Train State to TS3 in DT2.

Test Case Design

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| --- | --- | --- |
| No | Actions | Expected Result |
| 1 | Set the DT2 cab to Active  Set the Tail Light fault status to Inactive for side-A of DT1  Set the Tail Light fault status to Inactive for Side B of DT1 | Verify that event "Failure of Tail light" is not logged. |
| 2 | Set the Tail Light fault status to Active for side-A of DT1 | Verify that event "Failure of Tail light" is logged. |
| 3 | Set the Tail Light fault status to Inactive for side-A of DT1 | Verify that event "Failure of Tail light" is not logged. |
| 4 | Set the Tail Light fault status to Active for side-B of DT1 | Verify that event "Failure of Tail light" is logged. |
| 5 | Set the Tail Light fault status to Inactive for side-B of DT1 | Verify that event "Failure of Tail light" is not logged. |
| 6 | Set the Tail Light fault status to Active for side-A of DT1  Set the Tail Light fault status to Active for side-B of DT1 | Verify that event "Failure of Tail light" is logged. |
| 7 | Set the Tail Light fault status to Inactive for side-A of DT1  Set the Tail Light fault status to Inactive for side-B of DT1 | Verify that event "Failure of Tail light" is not logged. |
| 8 | Repeat step 1-7 after Deactivating DT2 and Activating DT1. | |

Post-Condition

1. Set Train State to TS1 in DT1