Appendix B: Test Cases

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| **Test Case Number:** | **TC-07** | **Run#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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| **Test Objective:** | To verify the following:   * 7.5.2: The system shall have the ability to transform raw safety data from CEDAR to the Data Mart by applying aggregation and calculations as part of the ETL. * 8.13.7: The system shall hold case and configuration data available in Japanese language from the source system. * 8.13.8: The system shall hold PII (Personally Identifiable Information) as present in Argus. |

1. **Setup Requirements**

The following are the setups that have to be in place prior to execution of the test case:

| **Step #** | **Setup Requirement Descriptions** | **Initials/Date** |
| --- | --- | --- |
|  | CEDAR and Data Mart configuration is in place. |  |
|  | ETL Process is set up. |
|  | Data is loaded in Data Mart from CEDAR. |
|  | No ETL is in progress. |
|  | SQL Developer is installed and database connections for Mart, ETL and CEDAR are created. |
|  | Tester has access to TDS for field verification. |
|  | Tester has access to DS. |

1. **Test Data Values**

The Test Setup and Test Case have been written using variable names for actual values. The values for each of these variables are described in the following table, and the value that is used is recorded in the table.

| **Variable** | **Description** | **Test Data Value** | **Initials/Date** |
| --- | --- | --- | --- |
| [ETL\_Schema] | Database schema with access to ETL and CEDAR tables |  |  |

1. **Testing**

| **TC-01- <test description>** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Step** | **Instruction** | **Expected Result(s)** | **Actual Result(s)/Deviation#** | **Pass/Fail** | **Initial/Date** |
|  | Launch SQL Developer and connect to [ETL\_Schema]. | Connection with [ETL\_Schema] is established successfully. |  |  |  |
|  | Execute Query1 from TDS to create DM\_FIELD\_MAP table.  **Attach the screenshot.** | DM\_FIELD\_MAP table is created successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query3 from TDS to create SRC\_FIELD\_DISTRIBUTION table.  **Attach the screenshot.** | SRC\_FIELD\_DISTRIBUTION table is created successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query4 from TDS to create TGT\_FIELD\_DISTRIBUTION table.  **Attach the screenshot.** | TGT\_FIELD\_DISTRIBUTION table is created successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query5 from TDS to insert data in DM\_FIELD\_MAP table using DM\_FIELD\_MAPPINGS\_EXCEL table.  **Attach the screenshot.** | Field mapping data is inserted in DM\_FIELD\_MAP table. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query2 from TDS to verify all fields from DS are present in DM\_FIELD\_MAP table.  **Attach the screenshot.**  *Note: Calculated fields are not being verified here.* | All fields (except calculated fields) are present in DM\_FIELD\_MAP table. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query6 from TDS to set date format to 'MM/DD/YYYY HH24:MI:SS'.  Attach the screenshot. | Date format is set to 'MM/DD/YYYY HH24:MI:SS' successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query7 from TDS to create P\_CREATE\_PROC\_FIELD\_VERIFICATION procedure.  Verify that there are no compilation errors.  **Attach the screenshot.** | Procedure P\_CREATE\_PROC\_FIELD\_VERIFICATION is created successfully without any compilation error. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query8 from TDS to execute procedure P\_CREATE\_PROC\_FIELD\_VERIFICATION.  **Attach the screenshot.** | Procedure P\_CREATE\_PROC\_FIELD\_VERIFICATION is executed without any error. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query9 from TDS to create DM\_FIELD\_VERIFICATION\_RESULTS table.  **Attach the screenshot.** | DM\_FIELD\_VERIFICATION\_RESULTS table is created successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute Query10 from TDS to insert mismatched rows in DM\_FIELD\_VERIFICATION\_RESULTS table and verify that no row is inserted.  **Attach the screenshot.** | Zero rows are inserted in DM\_FIELD\_VERIFICATION\_RESULTS table. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |

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| **Test Case Result** | **Comments** |
| **Pass**  **Fail** |  |

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| **Tester Signature** | **Date Executed** |
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| **Reviewer Signature** | **Date Reviewed** |
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