Appendix B: Test Cases

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| **Test Case Number:** | **TC-06** | **Run#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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| --- | --- |
| **Test Objective:** | * 8.13.1: To verify that the system shall extract Safety Data from the Argus Safety tables available within CEDAR. * 8.13.4: To verify that the system shall hold case level tables. The list of case level tables is specified in BeiGene Safety Data Mart (BSDM) Design specification (VV-QDOC-190889). * 8.13.5: To verify that the system shall hold business configuration tables (e.g., products, studies, licenses) associated with the case data. The list of tables is specified in BeiGene Safety Data Mart (BSDM) Design specification (VV-QDOC-190889). * 8.13.6: To verify that the system shall hold a copy of the dictionaries (e.g., WHO, MedDRA) associated with the case data. The list of dictionary tables is specified in the BeiGene Safety Data Mart (BSDM) Design specification (VV-QDOC-190889). * 8.14.3: To verify that the system shall bring all configuration data (LM/CFG/CL tables as mentioned in BSDM Design specification (VV-QDOC-190889)) to the Mart after a full ETL run. * 8.14.6: To verify that the system shall bring all configuration data (LM/CFG/CL tables as mentioned in BSDM Design specification (VV-QDOC-190889)) to the Mart after an incremental ETL run. |

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** |
| --- | --- | --- |
|  | Tester should have access to SQL Developer. |  |
|  | Tester should have connection details for the CEDAR, ETL and Data Mart schemas. |
|  | Tester should have credentials for a user with privileges to query on Data Mart Tables. |
|  | Database connection is created before the execution of this script. |
|  | Last ETL refresh should be executed successfully. |  |
|  | Tester should ensure that there is no running ETL. |  |
| 7. | There is no pre-defined ETL execution configuration in place. |  |
| 8. | Tester has access to the DS document. |  |

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** |
| --- | --- | --- | --- |
| [TDS\_1] | Name of the Test Data Sheet. |  |  |
| [TDS\_2] | Name of the Test Data Sheet containing Insert Statements. |  |  |
| [ETL\_SCHEMA] | Name of the schema to access Database records. |  |  |

1. **Testing**

| **TC-06- <test description>** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Step** | **Instruction** | **Expected Result(s)** | **Actual Result(s)/Deviation#** | **Pass/Fail** | **Initial/Date** |
|  | Open SQL developer. | SQL developer is displayed. |  |  |  |
|  | Click on [ETL\_SCHEMA] connection and wait for the connection to establish.  **Attach the screenshot.** | Connection is established and new tab is displayed for this connection. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Create the **DM\_Table\_Map** table.  Execute the query **Q1** present in Tab1 of the **[TDS\_1]**.  Verify that the **DM\_Table\_Map** table is created successfully.  **Attach the screenshot.** | The query is executed successfully.  **DM\_Table\_Map** table is created successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Insert data into **DM\_Table\_Map** table.  Execute all the queries present in **[TDS\_2].**  **Attach the screenshots.** | Queries are executed successfully.  Data is inserted into the **DM\_Table\_Map** table. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Create Procedure **P\_CREATE\_PROC\_TBL\_VERIFICATION**  Execute the query **Q2** present in Tab1 of the **[TDS\_1]**.  Verify that the procedure is created without any compilation error.  **Attach the screenshot.** | **P\_CREATE\_PROC\_TBL\_VERIFICATION** procedure is created successfully without any error. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute the procedure.  Execute the query **Q3** present in Tab1 of the **[TDS\_1]** to execute the procedure **P\_CREATE\_PROC\_TBL\_VERIFICATION**.  **Attach the screenshot.** | **P\_CREATE\_PROC\_TBL\_VERIFICATION** procedure is executed successfully. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute the query **Q4** present in Tab1 of the **[TDS\_1].** | The query is executed successfully, and all the records are displayed. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Match the query result.  Match all the table names displayed in **SRC\_TABLE\_NAME** and **TGT\_TABLE\_NAME** columns with the BeiGene Safety Data Mart (BSDM) Design Specification.  Also, match the records count displayed for each table in **SRC\_COUNT** and **TGT\_COUNT** columns.  Verify that all the tables mentioned in DS document are available in Datamart and the table level records for each table are matched with source and target table.  **Attach the screenshot.** | All the tables are correctly mapped as per BSDM Design Specification document.  Records count for each table are matched. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Execute the query **Q5** present in Tab1 of the **[TDS\_1]** to ensure that there is no source and target table whose table level records are not matched.  Verify that query does not return any row.  **Attach the screenshot.** | No rows are returned. | **Attachment**: TC-01-\_\_\_\_\_\_  step# |  |  |
|  | Right click on [ETL\_Schema] connection and click on ‘Disconnect’ option.  Close SQL developer. | [ETL\_Schema] connection is disconnected.  SQL developer is closed. |  |  |  |

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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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