# EMEA - SFP _ Supplier Financing Program

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|---|---|
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## Purpose

The purpose of this document is to define the conversion approach to create Equipment in S/4 HANA.

In SAP Plant Maintenance (SAP S4/HANA EAM), a piece of equipment is an individual object that is to be maintained independently. Each piece of equipment is managed independently in the system, so that you can:

- Manage individual data from a maintenance perspective for the object
- Perform individual maintenance tasks for the object
- Keep a record of the maintenance tasks performed for the object
- Collect and evaluate data over a long period of time for the object

As per Syensqo's design, all maintainable asset will be represented by Equipment, with the exception where the asset is maintained by Syensqo but not owned, in which case the asset will be migrated as a Functional Location. As per SyWay design, EAM Equipment will be standardized.

## Conversion Scope

The scope of this document covers the approach for creation of Equipment in S/4HANA following the Equipment Master Data Design Standard.

In Syensqo's SAP S/4HANA landscape, Equipment is used to define an individual asset or a sub-component of an asset. Each Equipment record represents a maintainable unit, serving as a critical master data for executing maintenance and work management processes. An Equipment is defined based on its construction and a defined Maintenance strategy is followed by to ensure its Reliability and sustainability.

An Equipment is only created when there is a defined Maintenance Strategy defined for it and a criticality derived from Risk Assessment process.

Depending on its installation context, Equipment is categorized by a user status to define its current state in its lifecycle from Planning to Retire. Every piece of Equipment that is Inservice is installed at a relevant superior Asset Functional Location or superior Equipment, ensuring its position within the asset hierarchy is clearly defined.

This structured approach supports efficient maintenance planning, traceability, and lifecycle management of assets across Syensqo's operations.

Conversion from legacy will adopt a hybrid method: Extraction and DCT for migration.

- Extraction to include all active Equipment, as well as the specific Functional Locations identified for migration as Equipment.
- Data Construct Template to capture all relevant assemblies and materials linked to the below objects, as confirmed by the Business, for migration as Equipment.
  - Maintenance Item (Assembly field)
  - Maintenance Item (Object List for Material)
  - Notification (Assembly field)
  - Work Order (Assembly field)
  - Work Order (Object List for Material)
  - Equipment (Construction Type)

Equipment in Syensqo to-be asset structure will be positioned under the Category 'A' (Asset) Functional Location and will comprise of 2 levels.

| Level | Technical Object | Function/ Meaning |
|---|---|---|
| Equipment Level 1 | Equipment | Maintainable Item / Class (Primary maintainable unit) |
| Equipment Level 2 | Equipment | Maintainable Item / Component (sub-equipment) |

Note: Please refer CNV-1003 Function Location for details on the Functional Location Asset Level conversion.

The data from legacy system includes:

- Equipment (EQUI-EQUNR) having Maintenance Plant (EQUI-WERKS) in scope (Value Mapping : Plant, where Maintenance Plant = 'Yes')
- Functional Locations (IFLOT-TPLNR) to be migrated as Equipment as part of mapping (Functional Location, where *New Technical Object* = 'EQ')
- Equipment Long Text in Inclusion-EQ Long Text
- Functional Location Long Text in Inclusion-FL_EQ Long Text

The data from legacy system excludes:

- Equipment (EQUI-EQUNR) with System Status (JEST-STAT) = Inactive 'INAC'
- Equipment (EQUI-EQUNR) with System Status (JEST-STAT) = Deletion Flag 'DLFL'
- Equipment (EQUI-EQUNR) with System Status (JEST-STAT) = In the warehouse 'ESTO'
- Equipment (EQUI-EQUNR) with System Status (JEST-STAT) = Available 'AVLB'
- Equipment (EQUI-EQUNR) with System Status (JEST-STAT) <> Installed 'INST'
- Equipment (EQUI-EQUNR) with Serial Number (EQUI-SERNR) <> '' (BLANK)

List of Tables to extract for this object is maintained here: Extract Table Register.

List of source systems and approximate number of records

| Source | Scope | Source Approx No. of Records | Target System | Target Approx No. of Records |
|---|---|---|---|---|
| PF2, WP2 | Relevant Equipment will be extracted from PF2 and WP2 | 400,000 | S/4HANA | 400,000 |
| PF2, WP2 | Functional Location flagged to be migrated as Equipment will be extracted from PF2 and WP2 | 30,000 | S/4HANA | 30,000 |
| DCT | 1. Assemblies to be created as Equipment<br>2. Equipment for plants which do not have data existing from PF2 and WP2 | TBD | S/4HANA | TBD |

## Additional Information

### Multi-language Requirement

Equipment description will be made available in English.

Multi language is supported for Equipment. Login via a different language will have its description displayed in the logon language if the language key is maintained in the Equipment.

### Document Management

Refer to the KDD085 - Document Management in the SyWay Solution

Note: Documents attached to Equipment will be migrated as part of 9104-EAM Attachments.

### Legal Requirement

Not Applicable

### Special Requirements

Not Applicable

# Target Design

The technical design of the target for this conversion approach.

**1. Equipment Master**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | System<br>Key Field |
| EQUI | EQTYP | EQTYP | Equipment Category | CHAR | 1 | Mandatory |
| EQUI | EQART | EQART | Technical Object Type | CHAR | 10 | Mandatory |
| EQUI | BRGEW | BRGEW | Weight | QUAN | 13 | Conditional |
| EQUI | GEWEI | GEWEI | Unit of Weight | UNIT | 3 | Conditional |
| EQUI | INVNR | INVNR | Inventory No | CHAR | 25 | Conditional |
| EQUI | INBDT | INBDT | Start-up date | DATS | 8 | Conditional |
| EQUI | ANSWT | ANSWT | Acquisition Value | NUMC | 13 | Conditional |
| EQUI | WAERS | WAERS | Currency | CUKY | 5 | Conditional |
| EQUI | HERST | HERST | Manufacturer | CHAR | 30 | Conditional |
| EQUI | TYPBZ | TYPBZ | Model Number | CHAR | 20 | Conditional |
| EQUI | SERGE | SERGE | Manufacturer Serial Number | CHAR | 30 | Conditional |
| EQUI | HERLD | HERLD | Country/Region of Manufacture | CHAR | 3 | Conditional |
| EQUI | BAUJJ | BAUJJ | Year of construction | CHAR | 4 | Conditional |
| EQUI | BAUMM | BAUMM | Month of Manufacture | CHAR | 2 | Conditional |
| EQUZ | DATAB | DATAB | Valid-From Date | DATS | 8 | Mandatory |
| EQUZ | IWERK | IWERK | Maintenance Planning Plant | CHAR | 4 | Mandatory |
| EQUZ | INGRP | INGRP | Planner Group | CHAR | 3 | Conditional |
| EQUZ | GEWRK | GEWRK | Main work center | CHAR | 8 | Conditional |

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|---|---|---|---|---|---|---|
| EQUZ | WERGW | WERGW | Plant associated with main work center | CHAR | 4 | Conditional |
| EQUZ | HEQUI | HEQUI | Superordinate Equipment | CHAR | 18 | Conditional |
| EQUZ | SUBMT | SUBMT | Construction type | CHAR | 40 | Mandatory |
| ILOA | ABCKZ | ABCKZ | ABC Indicator | CHAR | 1 | Mandatory |
| ILOA | TPLNR | TPLNR | Functional Location | CHAR | 30 | Conditional |
| ILOA | SWERK | SWERK | Maintenance Plant | CHAR | 4 | Mandatory |
| ILOA | BEBER | BEBER | Plant Section | CHAR | 3 | Mandatory |
| ILOA | EQFNR | EQFNR | Sort Field | CHAR | 30 | Mandatory |
| ILOA | BUKRS | BUKRS | Company Code | CHAR | 4 | Mandatory |
| ILOA | KOSTL | KOSTL | Cost Center | CHAR | 10 | Mandatory |
| ILOA | KOKRS | KOKRS | Controlling Area | CHAR | 4 | Mandatory |
| ADRC | NAME1 | NAME1 | Name 1 | CHAR | 40 | Conditional |
| ADRC | NAME2 | NAME2 | Name 2 | CHAR | 40 | Conditional |
| ADRC | NAME3 | NAME3 | Name 3 | CHAR | 40 | Conditional |
| ADRC | NAME4 | NAME4 | Name 4 | CHAR | 40 | Conditional |
| ADRC | COUNTRY | COUNTRY | Country/Region Key | CHAR | 3 | Conditional |

**2. Equipment Short Text**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| EQKT | SPRAS | SPRAS | Language Key | LANG | 1 | Mandatory |
| EQKT | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| EQKT | PLTXT | PLTXT | Description of Equipment | CHAR | 40 | Mandatory |

Note: Each Equipment must have 1 entry for English language and 1 entry for the language(s) of the country in which each Maintenance Plant assigned is located (French, Italian, Mandarin, Brazilian Portuguese, German or Spanish).

**3. Equipment Classification (Header)**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| KSSK | KLART | KLART | Class Type | CHAR | 20 | Mandatory |
| KSSK | OBTAB | OBTAB | Name of Database Table for Object | CHAR | 30 | Mandatory |
| KSSK | CLASSNUM | CLASSNUM | Class Name | CHAR | 30 | Mandatory |
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| KSSK | STATU | STATU | Classification Status | CHAR | 80 | Mandatory |

**4. Equipment Classification (Characteristics Value Allocation)**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| CABN | ATNAM | ATNAM | Characteristic Name | CHAR | 30 | Mandatory |
| AUSP | POSNR | POSNR | Item Number | CHAR | 3 | Mandatory |
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| AUSP | ATFLV | ATFLV | Numerical Value - From | NUMC | 16 | Conditional |
| AUSP | ATFLB | ATFLB | Numerical Value - To | NUMC | 16 | Conditional |
| AUSP | ATCOD | ATCOD | Code for Value Dependency | CHAR | 1 | Conditional |
| AUSP | DATE_FROM | DATE_FROM | Lower Boundary for Date - Interval | DATS | 8 | Conditional |
| AUSP | DATE_TO | DATE_TO | Upper Boundary for Date - Interval | DATS | 8 | Conditional |
| AUSP | TIME_FROM | TIME_FROM | Lower Boundary for Time - Interval | TIMS | 6 | Conditional |
| AUSP | TIME_TO | TIME_TO | Upper Boundary for Time - Interval | TIMS | 6 | Conditional |
| AUSP | ATFLV | ATFLV | Currency Value - From (Floating Point) | NUMC | 16 | Conditional |
| AUSP | ATFLB | ATFLB | Currency Value - To (Floating Point) | NUMC | 16 | Conditional |

| | | | | | | |
|---|---|---|---|---|---|---|
| AUSP | CURRENCY | CURRENCY | Currency Key | CUKY | 5 | Conditional |
| AUSP | ATWRT | ATWRT | Characteristic Value | CHAR | 30 | Conditional |
| KSSK | KLART | KLART | Class Type | CHAR | 20 | Mandatory |
| KSSK | CLASS | CLASS | Class Name | CHAR | 30 | Mandatory |

**5. Equipment Partner**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| IHPA | OBTYP | OBTYP | Object Type | CHAR | 3 | Mandatory |
| IHPA | PARVW | PARVW | Partner Function | CHAR | 2 | Mandatory |
| IHPA | PARNR | PARNR | Partner | CHAR | 12 | Mandatory |

**6. Equipment User Status**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| JSTO | STSMA | STSMA | Status profile of the functional location | CHAR | 8 | Mandatory |
| JEST | STAT | STAT | Status Number in User Status List | CHAR | 5 | Mandatory |

**7. Equipment Long Text Header**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| STXH | TDOBJECT | TDOBJECT | Texts: application object | CHAR | 10 | Mandatory |
| STXH | TDNAME | TDOBNAME | Name | CHAR | 70 | Mandatory |
| STXH | TDID | TDID | Text ID | CHAR | 4 | Mandatory |
| STXH | TDSPRAS | SPRAS | Language Key | LANG | 1 | Mandatory |

**8. Equipment Long Text Line**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| EQUI | EQUNR | EQUNR | Equipment Number | CHAR | 18 | Mandatory<br>(Key to link to Equipment) |
| STXL | TDOBJECT | TDOBJECT | Texts: application object | CHAR | 10 | Mandatory |
| STXL | TDNAME | TDOBNAME | Name | CHAR | 70 | Mandatory |
| STXL | TDID | TDID | Text ID | CHAR | 4 | Mandatory |
| STXL | TDSPRAS | SPRAS | Language Key | LANG | 1 | Mandatory |
| STXL | TDFORMAT | TDFORMAT | Tag column | CHAR | 1 | Mandatory |
| STXL | TDLINE | TDLINE | Text Line | CHAR | 72 | Mandatory |

Note:

1. Long Text is not mandatory, only load when there is data
2. One Long Text Header must have at least 1 Long Text Line

Equipment Data strictly adheres to the Master Data Standard. The complete information of the key fields that hold the Equipment information follows the Master Data Standard document that is located here.

# Data Cleansing

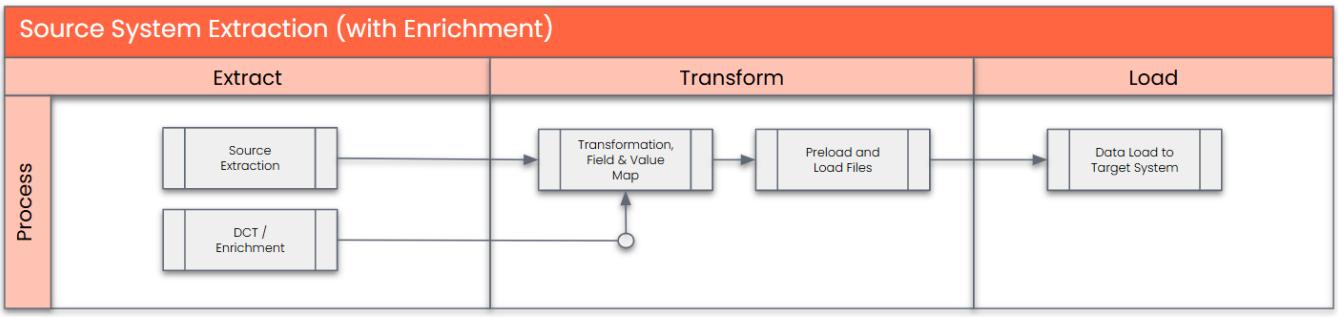
| ID | Criticality | Error Message/Report Description | Rule | Output | Source System |
|---|---|---|---|---|---|
| 1002-001 | C1 | Relevant Equipment missing Technical Object Type | Equipment as per Relevancy Criteria with no Technical Object Type Assigned | Plant, Equipment, Equipment Description, Technical Object Type | PF2, WP2 |
| 1002-002 | C1 | Relevant Equipment missing Superior Equipment or Functional Location | Equipment as per Relevancy Criteria not installed either below a Superior Equipment or Functional Location | Plant, Equipment, Equipment Description, Technical Object Type, Superior Equipment, Functional Location | PF2, WP2 |
| 1002-003 | C1 | Relevant Equipment missing Plant Section | Equipment as per Relevancy Criteria with no Plant Section Assigned | Plant, Equipment, Equipment Description, Technical Object Type | PF2, WP2 |
| 1002-004 | C1 | Relevant Functional Location missing Technical Object Type | Functional Location as per Relevancy Criteria ( mapping - Functional Location, where *New Technical Object* = 'EQ') with no Technical Object Type Assigned | Plant, Functional Location, Functional Description, Technical Object Type | PF2, WP2 |
| 1002-005 | C1 | Relevant Functional Location missing Plant Section | Functional Location as per Relevancy Criteria ( mapping - Functional Location, where *New Technical Object* = 'EQ') with no Plant Section Assigned | Plant, Functional Location, Functional Description, Technical Object Type | PF2, WP2 |
| 1002-006 | C2 | Relevant Equipment maintaining Acquisition Value but missing Currency Key | Equipment as per relevancy criteria where EQUI_ANSWT <> '' (Blank) and EQUI_WAERS = '' (Blank) | Plant, Equipment, Equipment Description, Technical Object Type, Superior Equipment, Functional Location, Acquisition Value | PF2, WP2 |
| 1002-007 | C2 | Relevant Functional Location maintaining Acquisition Value but missing Currency Key | Functional Location as per Relevancy Criteria ( mapping - Functional Location, where *New Technical Object* = 'EQ')where IFLOT_ANSWT <> '' (Blank) and IFLOT_WAERS = '' (Blank) | Plant, Functional Location, Functional Description, Superior Functional Location, Acquisition Value | PF2, WP2 |
| 1002-008 | C3 | Info Report : Relevant Equipment Long Text for Cleansing | Equipment as per Relevancy Criteria where Long Text Exist flag is assigned (EQUI-KZLTX) = 'X'. This is for manual review. | Plant, Equipment, Equipment Description, Long Text | PF2, WP2 |
| 1002-009 | C3 | Info Report : Relevant Functional Location Long Text for Cleansing | Functional Location as per Relevancy Criteria ( mapping - Functional Location, where *New Technical Object* = 'EQ') for which Long Text Exist flag is assigned (IFLOTX-KZLTX) = 'X'. This is for manual review. | Plant, Functional Location, Functional Description, Long Text | PF2, WP2 |
| 1002-010 | C3 | Info Report : Construction Type (CT) assigned to Relevant Equipment which are not part of a BOM (Bill of Material). This report is to support Business to review Legacy Construction Types to be included in Equipment DCT for migration. | Construction Type (EQUZ-SUBMT) maintained on relevant Equipment which are/ are not part of a BOM (MAST-MATNR). | Plant, Equipment, Equipment Description, CT, CT description, Material Type, Material Type Description | PF2, WP2 |
| 1002-011 | C3 | Info Report : Assemblies assigned to Relevant Maintenance Items which are not part of a BOM (Bill of Material). This report is to support Business to review Legacy Assemblies to be included in Equipment DCT for migration. | Assembly (MPOS-BAUTL) maintained on relevant Maintenance Items (MPOS-WAPOS) which are/ are not part of a BOM (MAST-MATNR) | Plant, Maintenance Item, Assembly, Assembly description, Material Type, Material Type Description | PF2, WP2 |
| 1002-012 | C3 | Info Report : Assemblies listed on Relevant Maintenance Item Object list which are not part of a BOM (Bill of Material). This report is to support Business to review Legacy Assemblies to be included in Equipment DCT for migration. | Assembly (OBJK-BAUTL) maintained on relevant Maintenance Items (MPOS-WAPOS) which are/ are not part of a BOM (MAST-MATNR) | Plant, Maintenance Item, Assembly, Assembly description, Material Type, Material Type Description | PF2, WP2 |
| 1002-013 | C3 | Info Report : Assemblies listed on Relevant Work Orders which are not part of a BOM (Bill of Material). This report is to support Business to review Legacy Assemblies to be included in Equipment DCT for migration. | Assembly (AFIH-BAUTL) maintained on relevant Work Order (AUFK-AUFNR) which are/ are not part of a BOM (MAST-MATNR) | Plant, Work Order, Assembly, Assembly description, Material Type, Material Type Description | PF2, WP2 |
| 1002-014 | C3 | Info Report : Assemblies listed on Relevant Work Order Object list which are not part of a BOM (Bill of Material). This report is to support Business to review Legacy Assemblies to be included in Equipment DCT for migration. | Assembly (OBJK-BAUTL) maintained on relevant Work Order (AUFK-AUFNR) which are/ are not part of a BOM (MAST-MATNR) | Plant, Work Order, Assembly, Assembly description, Material Type, Material Type Description | PF2, WP2 |
| 1002-015 | C3 | Info Report : Assemblies listed on Relevant Notifications which are not part of a BOM (Bill of Material). This report is to support Business to review Legacy Assemblies to be included in Equipment DCT for migration. | Assembly (QMIH-BAUTL) maintained on relevant Notification (QMEL-QMNUM) which are/ are not part of a BOM (MAST-MATNR) | Plant, Notification, Assembly description, Material Type, Material Type Description | PF2, WP2 |

Note: List of Cleansing is maintained here: Conversion Specs Register (DCT & Cleansing Report)

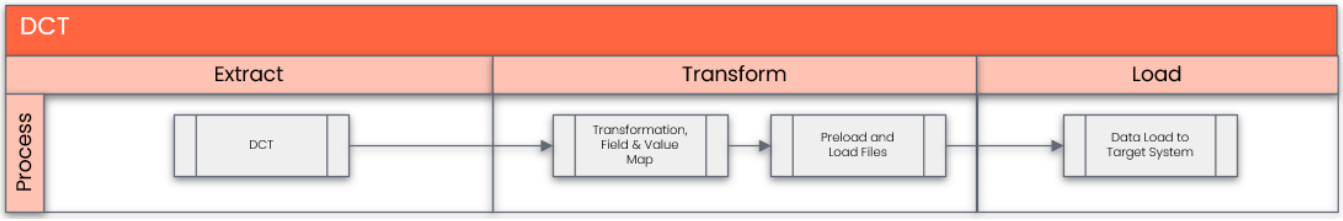
# Conversion Process

The high-level process is represented by the diagram below:

1. Source = PF2/WP2:




2. Source = DCT




Collection will be done manually in the Data Collection Template for the following scenarios:

- For sites not on SAP-PF2 or WP2 systems
- For Equipment that need to be created for the relevant Assembly/ Materials

### Data Privacy and Sensitivity

Not Applicable

# Extraction

Extract data from a source into . There are 2 possibilities:

1. The data exists. connects to the source and loads the data into . There are 3 methods:
    a. Perform full data extraction from relevant tables in the source system(s).
    b. Perform extraction through the application layer.
    c. Only if ; cannot connect to the source, data is loaded to the repository from the provided source system extract/report.
2. The data does not exist (or cannot be converted from its current state). The data is manually collected by the business directly in . This is to be conducted using DCT (Data Collection Template) in Advance Data Migration and Management (ADMM)

The agreed Relevancy criteria is applied to the extracted records to identify the records that are applicable for the Target loads

## Extraction Run Sheet

| Req # | Requirement Description | Team Responsible |
|---|---|---|
| 1 | Extract data from source system based on relevancy rule | SyWay Data Team |

## Selection Screen

| Selection Ref Screen | Parameter Name | Selection Type | Requirement | Value to be entered/set |
|---|---|---|---|---|
| Not Applicable | | | | |

## Data Collection Template (DCT)

Target Ready Data Collection Template will be created for Functional Location with exception of some fields which require transformation as mentioned in the transformation rule.

1. The extracted report will be loaded into the required structure using the DCT.
2. Standardization activities (including deduplication, standardization and additions)  will be carried out within the DCT.

**Note:** All rules specified below should be documented as a **tooltip** in the DC Page.

Format:

**Line 1:** Mandatory / Conditional

**Line 2:** Remaining text

**1. Equipment Master Data Construction Rules**

| Field Name | Field Description | Rule |
|---|---|---|
| zLegacyEQUNR | Legacy Equipment Number | Mandatory<br>Must be unique |
| EQART | Technical Object Type | PF2/WP2 data enrichment: Not used<br>For new data construction:<br>Mandatory<br>Allowed values from T370K to be populated |
| BRGEW | Weight | PF2/WP2 data enrichment: Not used<br>For new data construction:<br>Conditional<br>Populate if information exists |
| GEWEI | Unit of Weight | PF2/WP2 data enrichment: Not used<br>For new data construction:<br>Conditional<br>Populate unit value if BRGEW (Weight) has been maintained.<br>Allowed values from T006 to be populated |
| INVNR | Inventory No | Conditional<br>Populate Critical Material representing the relevant procured Capital Spare (Fixed Asset) for the Equipment<br>Criteria for Assigning Critical Materials as the Inventory Number -<br>• The material must have a cost greater than 15,000 and a useful life exceeding one year.<br>• The material type should be either 'UNBW' or 'NLAG'.<br>• The "Critical Part" checkbox must be selected in the Purchasing view of the Material Master. |
| ANSWT | Acquisition Value | Conditional<br>Populate the Fixed Asset value if Inventory Number has been maintained. |
| WAERS | Currency | Conditional<br>Populate only if 'Acquisition Value' field has been populated<br>Allowed values from TCURC to be populated. |
| HERST | Manufacturer | Conditional<br>Populate if information exists |
| TYPBZ | Model Number | Conditional<br>Populate if information exists |
| SERGE | Manufacturer Serial Number | Conditional<br>Populate if information exists |
| HERLD | Country/Region of Manufacture | Conditional<br>Populate if information exists |
| BAUJJ | Year of construction | Conditional<br>Populate if information exists |
| BAUMM | Month of Manufacture | Conditional<br>Populate if information exists |
| SWERK | Maintenance Plant | PF2/WP2 data enrichment: Not used<br>For new data construction:<br>Mandatory<br>Populate values from Value Mapping - Plant (where Maintenance Plant = Yes) |

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|---|---|---|
| INGRP | Planner Group | PF2/WP2 data enrichment: Not used<br><br>For new data construction:<br><br>Conditional<br><br>Must Populate value if Equipment is in Installed Status i.e HEQUI is not Blank or TPLNR is not Blank<br><br>Allowed values from T024I (where IWERK = Planning Plant) to be populated |
| GEWRK | Main work center | PF2/WP2 data enrichment: Not used<br><br>For new data construction:<br><br>Conditional<br><br>Must Populate value if Equipment is in Installed Status i.e HEQUI is not Blank or TPLNR is not Blank<br><br>Allowed values from Work Centre DCT to be populated. |
| HEQUI | Superordinate Equipment | For new data construction:<br><br>Conditional<br><br>Populate if Equipment is a Sub-Equipment.<br><br>Plant section of the Superior Equipment should be identical the the Equipment to be installed. |
| SUBMT | Construction type | For new data construction:<br><br>Mandatory<br><br>Populate value from Assembly DCT.<br><br>Assigned Construction Type should have a TOT Characteristic value maintained which matches the 'Object Type' assigned on the Equipment and 'SubAssembly' Characteristic = 'No' |
| TPLNR | Functional Location | Conditional<br><br>Populate Category 'A' Functional Location if Equipment installed under Functional Location.<br><br>Assigned Functional Location should have a TOT value identical to the Equipment and the Plant Section of the Functional Location should be identical to the one assigned on the Equipment<br><br>Allowed Category 'A' Functional Location values from mapping (Functional Location, where *New Technical Object* = 'FL') to be used. |
| BEBER | Plant Section | Mandatory<br><br>Allowed values from T357 to be populated. |
| EQFNR | Sort Field | Mandatory<br><br>The Sort Field is used to store the Plant Tag ID, representing the physical identifier attached to an asset in the field.<br>Each Equipment record must have a unique Sort Field value within the same Plant, except in cases where the Equipment is defined as a sub-equipment of a parent asset, in which case it may share the same Plant Tag ID.<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| KOSTL | Cost Center | PF2/WP2 data enrichment:<br><br>Mandatory<br><br>Must Populate value if Equipment is in Installed Status i.e HEQUI is not Blank or TPLNR is not Blank<br><br>Allowed values from R2R Cost Centre Value Mapping. |

| | | |
|---|---|---|
| NAME1 | Name 1 | PF2/WP2 data enrichment:<br><br>Conditional<br><br>Populate NAME1-4 fields with the Name and Location of the Asset |
| NAME2 | Name 2 | PF2/WP2 data enrichment:<br><br>Conditional<br><br>Populate NAME1-4 fields with the Name and Location of the Asset |
| NAME3 | Name 3 | PF2/WP2 data enrichment:<br><br>Conditional<br><br>Populate NAME1-4 fields with the Name and Location of the Asset |
| NAME4 | Name 4 | PF2/WP2 data enrichment:<br><br>Conditional<br><br>Populate NAME1-4 fields with the Name and Location of the Asset |
| PLTXT_EN | Description of Equipment (English) | PF2/WP2 data enrichment:<br><br>For new data construction:<br><br>Mandatory<br><br>Guide for Description:<br><br>A = Technical Object Type Description (in English language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in English Language)<br><br>Equipment Description = A+B+C<br><br>All Letters must be in Capital letters/ Uppercase.<br><br>Cannot have duplicate records based on corresponding language text (2 Equipment cannot have the same English language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| SPRAS_LC | Language Key_Local | PF2/WP2 data enrichment:<br><br>For new data construction:<br><br>Conditional<br><br>User to populate Language Key based language of the Country where the Maintenance Plant exists.<br><br>Allowed values:<br>1. "F" - French<br>2. "1" - Mandarin/Simplified Chinese<br>3. "I' - Italian<br>4. "P" - Portuguese/Brazilian<br>5. "D" - German<br>6. "S" - Spanish |

| | | |
|---|---|---|
| PLTXT_LC | Description of Equipment (Local Language) | PF2/WP2 data enrichment:<br><br>For new data construction:<br><br>Conditional<br><br>Guide for Description:<br><br>A = Technical Object Type Description (in Local Language of Plant)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in language of the country in which each plant is located)<br><br>Equipment Description = A+B+C<br><br>All Letters must be in Capital letters/ Uppercase.<br><br>Cannot have duplicate records based on corresponding language text (2 Equipment cannot have the same Local language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| zLegacyPARNR_Z1 | Partner (Asset Owner) | PF2/WP2 data enrichment:<br><br>For new data construction:<br><br>Conditional<br><br>Populate 'Z1' (Asset Owner) Vendor Business Partner as per below rule.<br><br>Rule -<br>For Assets that are Owned by Syensqo and Maintained by Syensqo Inter Company Vendor are to be populated.<br><br>For Assets that are rented from specific vendors or maintained by third-party service providers, external Vendors are to be populated |
| zLegacyPARNR_Z2 | Partner (Asset Maintainer) | PF2/WP2 data enrichment:<br><br>For new data construction:<br><br>Conditional<br><br>Populate 'Z2' (Asset Maintainer) Vendor Business Partner as per below rule.<br><br>Rule -<br><br>For Assets that are Owned by Syensqo and Maintained by Syensqo Inter Company Vendor are to be populated.<br><br>For Assets that are rented from specific vendors or maintained by third-party service providers, external Vendors are to be populated |
| zLegacyPARNR_Z3 | Partner (Vendor Contact) | PF2/WP2 data enrichment:<br><br>For new data construction:<br><br>Conditional<br><br>Populate 'Z3' (Vendor Contact) Contact Person Business Partner of the External Vendor. |
| STAT_N1 | Sequential Status in User Status Profile | PF2/WP2 data enrichment: No Used<br><br>For new data construction:<br><br>Conditional<br><br>Populate from allowed values:<br>'PLAN'- Planned<br>'COMM'- Commissioned<br>'INSR'- In Service<br>'OTSR'- Out Of Service<br>'SCRP'- Scrap<br><br>If none is provided, it will be defaulted to 'PLAN' |

| | | |
|---|---|---|
| STAT_X1 | Non-Sequential Status in the User Status Profile - EXHZ (Extremely Hazardous) | PF2/WP2 data enrichment: Not used<br><br>For new data construction:<br><br>Conditional<br><br>Populate 'EXHZ' (Extremely Hazardous) status if applicable. |
| STAT_X2 | Non-Sequential Status in the User Status Profile - MTNA ( Maintenance Not Allowed) | PF2/WP2 data enrichment: Not used<br><br>For new data construction:<br><br>Conditional<br><br>Populate 'MTNA' (Maintenance Not Allowed) status if applicable. |

**2. Equipment Classification Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyEQUNR | Equipment Number | Mandatory<br><br>Key to link to Equipment<br><br>Should exist in Equipment Master DCT Rules |
| CLASS | Class Name | Mandatory<br><br>• Must always have an always an entry for EAM_9999.<br>• User to populate any other class of class type '002' (Equipment) as required<br><br>Class other than 'EAM_9999' must have naming convention = EAM_TOT (Tech Object Type) of the Equipment |
| ATNAM | Characteristic Name | Mandatory<br><br>User to populate Characteristic assigned to the Class 'EAM_9999' and other mapped legacy classes as per the Class DCT |
| ATWRT | Characteristic Value | Conditional.<br><br>• If the characteristic has character format (CHAR), populate with alphanumeric characters.<br>• If the characteristic has character format (DATE), must have the format DDMMYYYY. **E.g. 31122000**<br>• If the characteristic has character format (TIME), must have the format HHMMSS. **E.g. 110000**<br>• If the characteristic has character format (NUM), the field should contain only numerical characters. **E.g. 888**<br>• If the characteristic has character format (CURR), this field should contain only numerical characters. **E.g. 200**<br><br>Note for DATE, TIME, NUM and CURR formats:<br><br>• If a range is required, the from and to values should be concatenated using a hyphen (" - ").<br>  ◦ E.g. DATE: 1 - 2, 110000 -112855<br>• Fill in only if Characteristic - Interval values allowed (ATINT) is populated with "X"<br>• The Characteristic Value (From) should be <= Characteristic Value (To) |
| POSNR | Item Number | Conditional<br><br>Sequential number to be maintained if multiple values are being recorded for the same Characteristic |

**3. Equipment Long Text Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyEQUNR | Legacy Equipment Number | Mandatory<br><br>Key to link to Equipment |
| TDLINE_EN | Text Line (English) | Conditional<br><br>User to populate Free Text in English Language as applicable. All Letters must be in Capital letters/ Uppercase. |
| TDSPRAS_LC | Language Key_Local | Conditional<br><br>User to populate Language Key based language of the Country where the Maintenance Plant exists.<br><br>Allowed values:<br>1. "F" - French<br>2. "1" - Mandarin/Simplified Chinese<br>3. "I' - Italian<br>4. "P" - Portuguese/Brazilian<br>5. "D" - German<br>6. "S" - Spanish |

| | | |
|---|---|---|
| TDLINE_LC | Text Line (Local Language) | Conditional<br><br>User to populate Free Text in language of the country in which each plant is located (French, Italian, Mandarin, Brazilian Portuguese, German or Spanish).<br><br>All Letters must be in Capital letters/ Uppercase. |

**4. Inclusion-EQ Long Text Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyEQUNR | Legacy Equipment Number | Mandatory<br><br>Key to link to Equipment |
| zLegacyWERKS | Legacy Plant | Mandatory |
| zLegacySPRAS | Legacy Language Key | Mandatory.<br><br>Allowed values:<br>1. "E" - English<br>2. "F" - French<br>3. "1" - Mandarin/Simplified Chinese<br>4. "I' - Italian<br>5. "P" - Portuguese/Brazilian<br>6. "D" - German<br>7. "S" - Spanish |

Note: Only Long Texts that are added into this list will be migrated.

Note: List of DCTs is maintained here: Conversion Specs Register (DCT & Cleansing Report)

## Extraction Dependencies

| Item # | Step Description | Team Responsible |
|---|---|---|
| Not Applicable | | |

# Transformation

The Target fields are mapped to the applicable Legacy field that will be its source, this is a 3-way activity involving the Business, Functional team and Data team. This identifies the transformation activity required to allow to make the data Target ready:

1. Perform value mapping and data transformation rules.
    a. Legacy values are mapped to the to-be values (this could include a default value)
    b. Values are transformed according to the rules defined in Advanced Data Migration and Management (ADMM)
2. Prepare target-ready data in the structure and format that is required for loading via prescribed Load Tool. This step also produces the load data ready for business to perform Pre-load Data Validation

## Transformation Run Sheet

| Item # | Step Description | Team Responsible |
|---|---|---|
| 1 | Obtain DCT Sign-off from Business. | SyWay Data Team |
| 2 | In dspMigrate, select the wave – S4/HANA – Plant Maintenance | Syniti |
| 3 | Go to Process Area Launch and Process the Object – Equipment | Syniti |
| 4 | Review and Validate Error and Preload Reports | Syniti |
| 5 | Execute the transformation to prepare the target tables | Syniti |
| 6 | Validate data from pre-load and error reports | Business/Data owner |
| 7 | Generate load files | Syniti |

# Transformation Rules

**1. Equipment Master Transformation Rule (ECC)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | EQUI | EQUNR | Equipment Number | S/4 Hana | EQUI | EQUNR | | Internal Generated Number |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | | EQUI | EQTYP | Equipment Category | S/4 Hana | EQUI | EQTYP | | Default to 'M' |
| 3 | | EQUI | EQART | Technical Object Type | S/4 Hana | EQUI | EQART | | |
| 4 | | EQUI | BRGEW | Weight | S/4 Hana | EQUI | BRGEW | | |
| 5 | | EQUI | GEWEI | Unit of Weight | S/4 Hana | EQUI | GEWEI | | |
| 6 | | EQUI | INVNR | Inventory No | S/4 Hana | EQUI | INVNR | | |
| 7 | - | EQUI | - | - | S/4 Hana | EQUI | INBDT | Start-Up Date | If derived Target User Status for Equipment from Equipment User Status (STAT) Transformation Rules (ECC) is either of the below:<br>'COMM' (Commissioned)<br>'INSR' (In Service)<br>'OTSR' (Out of Service)<br>'SCRP' (Scrap)<br>then assign the date as per Value mapping :<br>OTH_Migration_Date Relevant Values A2D (where Object ID "1002" and Field Name = "EQUI-INBDT".<br><br>Else leave blank |
| 8 | | EQUI | ANSWT | Acquisition Value | S/4 Hana | EQUI | ANSWT | | |
| 9 | | EQUI | WAERS | Currency | S/4 Hana | EQUI | WAERS | | |
| 10 | | EQUI | HERST | Manufacturer | S/4 Hana | EQUI | HERST | | |
| 11 | | EQUI | TYPBZ | Model Number | S/4 Hana | EQUI | TYPBZ | | |
| 12 | | EQUI | SERGE | Manufacturer Serial Number | S/4 Hana | EQUI | SERGE | | |
| 13 | | EQUI | HERLD | Country/Region of Manufacture | S/4 Hana | EQUI | HERLD | | |
| 14 | | EQUI | BAUJJ | Year of construction | S/4 Hana | EQUI | BAUJJ | | |
| 15 | | EQUI | BAUMM | Month of Manufacture | S/4 Hana | EQUI | BAUMM | | |
| 16 | | EQUZ | - | - | S/4 Hana | EQUZ | DATAB | Valid-From Date | Assign the date as per Value mapping :<br>OTH_Migration_Date Relevant Values A2D (where Object ID "1002" and Field Name = "EQUI-DATAB". |
| 17 | | EQUZ | IWERK | Maintenance Planning Plant | S/4 Hana | EQUZ | IWERK | | |
| 18 | | EQUZ | INGRP | Planner Group | S/4 Hana | EQUZ | INGRP | | |
| 19 | | EQUZ | GEWRK | Main work center | S/4 Hana | EQUZ | GEWRK | | |
| 20 | | EQUZ | WERGW | Plant associated with main work center | S/4 Hana | EQUZ | WERGW | | |
| 21 | | EQUZ | HEQUI | Superordinate Equipment | S/4 Hana | EQUZ | HEQUI | | |
| 22 | | EQUZ | SUBMT | Construction type | S/4 Hana | EQUZ | SUBMT | | |
| 23 | | ILOA | ABCKZ | ABC Indicator | S/4 Hana | ILOA | ABCKZ | | |
| 24 | | ILOA | TPLNR | Functional Location | S/4 Hana | ILOA | TPLNR | | |
| 25 | | ILOA | SWERK | Maintenance Plant | S/4 Hana | ILOA | SWERK | | |
| 26 | | ILOA | BEBER | Plant Section | S/4 Hana | ILOA | BEBER | | |
| 27 | | ILOA | EQFNR | Sort Field | S/4 Hana | ILOA | EQFNR | | |
| 28 | | ILOA | BUKRS | Company Code | S/4 Hana | ILOA | BUKRS | | |
| 29 | | ILOA | KOSTL | Cost Center | S/4 Hana | ILOA | KOSTL | | |
| 30 | | ILOA | KOKRS | Controlling Area | S/4 Hana | ILOA | KOKRS | | |
| 31 | | ADRC | NAME1 | Name 1 | S/4 Hana | ADRC | NAME1 | | |
| 32 | | ADRC | NAME2 | Name 2 | S/4 Hana | ADRC | NAME2 | | |
| 33 | | ADRC | NAME3 | Name 3 | S/4 Hana | ADRC | NAME3 | | |
| 34 | | ADRC | NAME4 | Name 4 | S/4 Hana | ADRC | NAME4 | | |
| 35 | | ADRC | COUNTRY | Country/Region Key | S/4 Hana | ADRC | COUNTRY | | |

**2. Equipment Master Transformation Rule (DCT)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| | | | zLegacyEQUNR | Equipment Number | S/4 Hana | EQUI | EQUNR | | Key to link to the Equipment |
| | | | EQTYP | Equipment Category | S/4 Hana | EQUI | EQTYP | | Default to 'M' |
| | | | EQART | Technical Object Type | S/4 Hana | EQUI | EQART | | |
| | | | BRGEW | Weight | S/4 Hana | EQUI | BRGEW | | |
| | | | GEWEI | Unit of Weight | S/4 Hana | EQUI | GEWEI | | |
| | | | INVNR | Inventory No | S/4 Hana | EQUI | INVNR | | |
| | | | INBDT | Start-up date | S/4 Hana | EQUI | INBDT | | |
| | | | ANSWT | Acquisition Value | S/4 Hana | EQUI | ANSWT | | |
| | | | WAERS | Currency | S/4 Hana | EQUI | WAERS | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | HERST | Manufacturer | S/4 Hana | EQUI | HERST | | |
| | | | TYPBZ | Model Number | S/4 Hana | EQUI | TYPBZ | | |
| | | | SERGE | Manufacturer Serial Number | S/4 Hana | EQUI | SERGE | | |
| | | | HERLD | Country/Region of Manufacture | S/4 Hana | EQUI | HERLD | | |
| | | | BAUJJ | Year of construction | S/4 Hana | EQUI | BAUJJ | | |
| | | | BAUMM | Month of Manufacture | S/4 Hana | EQUI | BAUMM | | |
| | | | DATAB | Valid-From Date | S/4 Hana | EQUZ | DATAB | | |
| | | | IWERK | Maintenance Planning Plant | S/4 Hana | EQUZ | IWERK | | |
| | | | INGRP | Planner Group | S/4 Hana | EQUZ | INGRP | | |
| | | | GEWRK | Main work center | S/4 Hana | EQUZ | GEWRK | | |
| | | | WERGW | Plant associated with main work center | S/4 Hana | EQUZ | WERGW | | |
| | | | HEQUI | Superordinate Equipment | S/4 Hana | EQUZ | HEQUI | | |
| | | | SUBMT | Construction type | S/4 Hana | EQUZ | SUBMT | | |
| | | | ABCKZ | ABC Indicator | S/4 Hana | ILOA | ABCKZ | | |
| | | | TPLNR | Functional Location | S/4 Hana | ILOA | TPLNR | | |
| | | | SWERK | Maintenance Plant | S/4 Hana | ILOA | SWERK | | |
| | | | BEBER | Plant Section | S/4 Hana | ILOA | BEBER | | |
| | | | EQFNR | Sort Field | S/4 Hana | ILOA | EQFNR | | |
| | | | BUKRS | Company Code | S/4 Hana | ILOA | BUKRS | | |
| | | | KOSTL | Cost Center | S/4 Hana | ILOA | KOSTL | | |
| | | | KOKRS | Controlling Area | S/4 Hana | ILOA | KOKRS | | |
| | | | NAME1 | Name 1 | S/4 Hana | ADRC | NAME1 | | |
| | | | NAME2 | Name 2 | S/4 Hana | ADRC | NAME2 | | |
| | | | NAME3 | Name 3 | S/4 Hana | ADRC | NAME3 | | |
| | | | NAME4 | Name 4 | S/4 Hana | ADRC | NAME4 | | |
| | | | COUNTRY | Country/Region Key | S/4 Hana | ADRC | COUNTRY | | |

### 3. Equipment Short Text Transformation Rule (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | EQKT | EQUNR | Legacy Equipment Number | S/4 Hana | EQKT | EQUNR | Legacy Equipment Number | Internal Generated Number |
| 2 | PF2, WP2 | EQKT | SPRAS | Language Key | S/4 Hana | EQKT | SPRAS | Language Key | Direct Mapping |
| 3 | PF2, WP2 | EQKT | EQKTX | Description of Equipment | S/4 Hana | EQKT | EQKTX | Description of Equipment | Direct Mapping<br><br>Overwrite with DCT if provided (as part of enrichment) |

### 4. Equipment Short Text Transformation Rule (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQKT | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQKT | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | EQKT | SPRAS | Language Key | Default to 'E' |
| 3 | DCT | EQKT | EQKTX_EN | Description of Equipment (English) | S/4 Hana | EQKT | EQKTX | Description of Equipment | Direct Mapping<br><br>Overwrite with DCT if provided (as part of enrichment) |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQKT | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQKT | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | DCT | EQKT | SPRAS_LC | Language Key | S/4 Hana | EQKT | SPRAS | Language Key | Direct Mapping |
| 3 | DCT | EQKT | EQKTX_LC | Description of Equipment (Local Language of Plant) | S/4 Hana | EQKT | EQKTX | Description of Equipment | Direct Mapping<br><br>Overwrite with DCT if provided (as part of enrichment) |

### 5. Functional Location Classification Transformation Rule (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | EQUI | EQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Internal Generated Number |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '002' |
| 3 | - | - | - | - | S/4 Hana | INOB | OBTAB | Name of Database Table for Object | Default to 'EQUI' |
| 4 | PF2, WP2 | KSSK | CLASS | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Value mapping : Class A2D |
| 5 | PF2, WP2 | CABN | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Step1- Use Value mapping: Characteristic A2D (Staging) to get the Staging Characteristic;<br><br>Step2 - Use Value mapping: Characteristic A2D to get the Target Characteristic |
| 6 | PF2, WP2 | AUSP | ADZHL | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |
| 7 | PF2, WP2 | AUSP | ATFLV | Numerical Value - From | S/4 Hana | AUSP | ATFLV | Numerical Value - From (Floating Point) | Convert existing Legacy value to Float |
| 8 | PF2, WP2 | AUSP | ATFLB | Numerical Value - To | S/4 Hana | AUSP | ATFLB | Numerical Value - To (Floating Point) | Convert existing Legacy value to Float |
| 9 | PF2, WP2 | AUSP | ATFLV | Date Interval - From | S/4 Hana | AUSP | DATE_FROM | Lower Boundary for Date - Interval | Convert existing Legacy value to Float |
| 10 | PF2, WP2 | AUSP | ATFLB | Date Interval - To | S/4 Hana | AUSP | DATE_TO | Upper Boundary for Date - Interval | Convert existing Legacy value to Float |
| 11 | PF2, WP2 | AUSP | ATFLV | Time Interval - From | S/4 Hana | AUSP | TIME_FROM | Lower Boundary for Time - Interval | Convert existing Legacy value to Float |
| 12 | PF2, WP2 | AUSP | ATFLB | Time Interval - To | S/4 Hana | AUSP | TIME_TO | Upper Boundary for Time - Interval | Convert existing Legacy value to Float |
| 13 | PF2, WP2 | AUSP | ATFLV | Currency Value - From | S/4 Hana | AUSP | ATFLV | Currency Value - From (Floating Point) | Convert existing Legacy value to Float |
| 14 | PF2, WP2 | AUSP | ATFLB | Currency Value - To | S/4 Hana | AUSP | ATFLB | Currency Value - To (Floating Point) | Convert existing Legacy value to Float |
| 15 | PF2, WP2 | AUSP | ATWRT | Characteristic Value | S/4 Hana | AUSP | ATWRT | Characteristic Value | Direct Mapping |

### 6. Equipment Classification Transformation Rule (DCT)

Only get the records where Characteristics with Data Type = CHAR

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '002' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'EQUI' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Value Mapping: Characteristic A2D |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATWRT | Characteristic Value | Direct Mapping |
| 7 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = CURR

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '002' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'EQUI' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLV | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLB | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, direct mapping. |
| 8 | DCT | AUSP | CURRENCY | Currency Key | S/4 Hana | AUSP | CURRENCY | Currency Key | Derive from Currency Key of the Characteristics |
| 9 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = DATE

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '002' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'EQUI' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | DATE_FROM | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | DATE_TO | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, direct mapping. |
| 8 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = NUM

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '002' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'EQUI' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLV | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLB | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, leave blank. |
| 8 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = TIME

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '002' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'EQUI' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATINN | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | TIME_FROM | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | TIME_TO | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, direct mapping. |
| 8 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

### 7. Functional Location Partner Transformation Rule (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IEQ' |
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z1' (Asset Owner) |
| 4 | DCT | IHPA | zLegacyPARNR_Z1 | Partner (Asset Owner) | S/4 Hana | IHPA | PARNR | Partner | Overwrite with DCT if provided (as part of enrichment)<br><br>Value mapping : Vendor Number |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IEQ' |
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z2' (Asset Maintainer) |
| 4 | DCT | IHPA | zLegacyPARNR_Z2 | Partner (Asset Maintainer) | S/4 Hana | IHPA | PARNR | Partner | Overwrite with DCT if provided (as part of enrichment)<br><br>Value mapping : Vendor Number |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IEQ' |
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z3' (Vendor Contact) |
| 4 | DCT | IHPA | zLegacyPARNR_Z2 | Partner (Vendor Contact) | S/4 Hana | IHPA | PARNR | Partner | Overwrite with DCT if provided (as part of enrichment)<br><br>Value mapping : Vendor Number |

### 8. Functional Location User Status Transformation Rules (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | EQUI | EQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Internal Generated Number |
| 3 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the Equipment | Default to 'ZEAMEQ01' |
| 4 | PF2, WP2 | JEST | STAT | Status Number in User Status List | S/4 Hana | JEST | STAT | Status Number in User Status List | Value Mapping : User Status Equipment<br><br>Overwrite with DCT if provided (as part of enrichment) |
| 5 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

Note: Filter on TJ30T for Status Profiles with ESTAT starting with E*.

### 9. Functional Location User Status Transformation Rules (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the Equipment | Default to 'ZEAMEQ01' |
| 3 | DCT | JEST | STAT_N1 | Sequential Status in the User Status Profile | S/4 Hana | JEST | STAT | Status Number in User Status List | Default 'PLAN' for Category 'O' and 'N'<br><br>For Category 'A':<br>Direct Mapping. If blank, default to 'PLAN' |
| 4 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |
| 2 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the Equipment | Default to 'ZEAMEQ01' |
| 3 | DCT | JEST | STAT_X1 | Non-Sequential Status in the User Status Profile - EXHZ (Extremely Hazardous) | S/4 Hana | JEST | STAT | Status Number in User Status List | Default Blank for Category 'O' and 'N'<br><br>For Category 'A':<br>Direct Mapping |
| 4 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | EQUI | EQUNR | Equipment Number | Key to link to the Equipment |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the Equipment | Default to 'ZEAMEQ01' |
| 3 | DCT | JEST | STAT_X2 | Non-Sequential Status in the User Status Profile - MTNA (Maintenance Not Allowed) | S/4 Hana | JEST | STAT | Status Number in User Status List | Default to 'MNTA' (Maintenance Not Allowed) for Category 'O' and 'N'<br><br>For Category 'A': Direct Mapping |
| 4 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

**10. Functional Location Long Text Header (ECC)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'EQUI' |
| 2 | PF2, WP2 | EQUI | EQUNR | Legacy Equipment Number | S/4 Hana | STXH | TDNAME | Name | Concatenate '000000000' + Value Mapping: Equipment (New Equipment) |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | PF2, WP2 | STXH | TDSPRAS | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Direct Mapping |

Note: Only the records marked as Cleansed in Inclusion-FL Long Text will be migrated

**11. Functional Location Long Text Header (DCT)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'EQUI' |
| 2 | DCT | EQUI | zLegacyEQUNR | Legacy Equipment Number | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | DCT | STXH | TDSPRAS | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Default to 'E' |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | TPLNR | Functional Location | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | DCT | STXH | TDSPRAS_LC | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Direct Mapping |

**12. Functional Location Long Text Line (ECC)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXL | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location | S/4 Hana | STXH | TDNAME | Name | Value Mapping: Functional Location (New Functional Location) |
| 3 | - | - | - | - | S/4 Hana | STXL | TDID | Text ID | Default to 'LTXT' |
| 5 | PF2, WP2 | STXH | TDSPRAS | Language Key | S/4 Hana | STXL | TDSPRAS | Language Key | Direct Mapping |
| 6 | - | - | - | - | S/4 Hana | STXL | TDFORMAT | Tag column | Default to '*' |
| 7 | PF2, WP2 | STXL | TDLINE | Text Line | S/4 Hana | STXL | TDLINE | Text Line | Direct Mapping |

Note: Only the records marked as Cleansed in Inclusion-FL Long Text will be migrated

**13. Functional Location Long Text Line (DCT)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | TPLNR | Functional Location | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 5 | DCT | STXH | TDSPRAS | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Default to 'E' |
| 6 | - | - | - | - | S/4 Hana | STXL | TDFORMAT | Tag column | Default to '*' |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 | DCT | STXL | TDLINE_EN | Text Line | S/4 Hana | STXL | TDLINE | Text Line | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | TPLNR | Functional Location | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 5 | DCT | STXH | TDSPRAS_LC | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Direct Mapping |
| 6 | - | - | - | - | S/4 Hana | STXL | TDFORMAT | Tag column | Default to "*" |
| 7 | DCT | STXL | TDLINE_LC | Text Line | S/4 Hana | STXL | TDLINE | Text Line | Direct Mapping |

**Note**: For all relevant fields Data Origin will be defaulted to 'Individual Maintenance'

List of Custom Target Reports for this object is maintained here: Conversion Specification - Custom Reports Register.

# Transformation Mapping

| Mapping Table Name | Mapping Table Description |
|---|---|
| EXC-Functional Location_ID | Functional Locations (Lowest Level) to be created as Equipment. To be compiled based on manual Review (Initial List Low-Level Functional Location). This will be an inclusion for Equipment. |
| | |
| | |
| | |

List of Transformation Mappings with additional details is maintained here: Transformation Mappings

## Transformation Dependencies

List the steps that need to occur before transformation can commence

| Item # | Step Description | Team Responsible |
|---|---|---|
| 1 | Ensure DCT tables completeness | SyWay A2D Data Team |
| 2 | Value Mappings are according to the latest design - <List of Value Mappings> | SyWay A2D Data Team |
| | | |
| | | |

# Pre-Load Validation

## Project Team

### Completeness

| Task | Action |
|---|---|
| Verify Record Count | SyWay A2D Data Team to verify that the total number of relevant records from the Source Extract and DCT is equal to the total number of records in the Preload and Load Sheets. |

### Accuracy

| Task | Action |
|---|---|
| Conversion Accuracy | SyWay A2D Data Team to verify that all fields below meet pass the checks:<br>1. Mandatory Fields<br>2. Field and Value Mapping Correctness<br>3. Null Checks<br>4. Text Length Checks |
| Review Error Reports | Review and correct the errors. Achieve a zero-error record count as much as possible. Raise defects for data remediated and requiring a correction in the source data. |

## Business

### Completeness

| Task | Action |
|---|---|
| Verify Record Count | Business Data Owner/s to verify that the total number of relevant records from the Source Extract and DCT is equal to the total number of records in the Preload and Load Sheets. |

### Accuracy

| Task | Action |
|---|---|
| Conversion Accuracy | Business Data Owner/s to verify that all the data in the load table/file is accurate as per endorsed transformation/mapping rules (and signed-off Source Extract & DCT data). |

# Load

The load process includes:

1. Execute the automated data load into target system using load tool or product the load file if the load must be done manually
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation

## Load Run Sheet

| Item # | Step Description | Team Responsible |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

## Load Phase and Dependencies

### Configuration

| Item # | Configuration Item |
|---|---|
| 1 | Equipment Category |
| 2 | Technical Object Type |
| 3 | Weight Unit |
| 4 | Currency |
| 5 | Country of manufacturer |
| 6 | Maintenance Plant and Planning Plant |
| 7 | Plant Section |
| 8 | Planner Group |
| 9 | ABC indicator |
| 10 | Catalog Profile |

### Conversion Objects

| Object # | Preceding Object Conversion Approach |
|---|---|
| 1003 | Functional Location |

### Error Handling

| Error Type | Error Description | Action Taken |
|---|---|---|
| Configuration | Equipment cat missing | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Object Type | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Weight Unit | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Currency | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Country of Manufacturer | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Maintenance Plant | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Plant Section | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid ABC indicator | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Planning Plant | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Planner Group | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid catalog profile | Engage Functional team to expedite and fix the error in the system |
| Invalid Data | Invalid Cost Centre | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Class | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Production Work Centre | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Maintenance Work Centre | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Assembly | Expedite whether the master data is changed in the system |

# Post-Load Validation

## Project Team

### Completeness

| Task | Action |
|---|---|
| Verify Count | Data team to verify the record count created in target S/4 HANA by accessing post load reports in dspMigrate or standard reports from S/4 HANA. |
| Verify Logs | Check if there is data that failed to load and perform the necessary actions (e.g. register as post load issue, or attempt to load the record again, etc.). |
| | |

### Accuracy

| Task | Action |
|---|---|
| Conversion Accuracy | Data team to verify that the Measuring Point data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA. |
| | |
| | |

## Business

### Completeness

| Task | Action |
|---|---|
| Verify Count | Download Post Load Reports from dspMigrate and verify that the record count loaded in the target S/4 HANA is the same count as of the endorsed load file. |
| | |
| | |

### Accuracy

| Task | Action |
|---|---|
| | |
| Conversion Accuracy | Verify that the Measuring Point data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA. |
| | |

# Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- Equipment is in scope based on data design and any exception requested by business.
- All data cleansing and preparation has been completed.

# See also

# Change log

| Version | Published | Changed By | Comment |
|---|---|---|---|
| **CURRENT (v. 42)** | **Apr 22, 2026 15:51** | **PUN-ext, Eddy** | |
| v. 165 | Apr 22, 2026 14:24 | **PUN-ext, Eddy** | |
| v. 164 | Apr 22, 2026 14:11 | **PUN-ext, Eddy** | |
| v. 163 | Apr 22, 2026 14:09 | **PUN-ext, Eddy** | |
| v. 162 | Apr 22, 2026 14:07 | **PUN-ext, Eddy** | |
| v. 161 | Apr 22, 2026 14:05 | **PUN-ext, Eddy** | |
| v. 160 | Apr 22, 2026 13:48 | **PUN-ext, Eddy** | |
| v. 159 | Apr 22, 2026 13:43 | **PUN-ext, Eddy** | CR0446 |
| v. 158 | Apr 22, 2026 13:22 | **PUN-ext, Eddy** | |
| v. 157 | Apr 14, 2026 15:30 | **JOSHI-ext, Aditya** | |

Go to Page History

# Workflow history

| Title | Last Updated By | Updated | Status |
|---|---|---|---|
| There are no pages at the moment. | | | |