CNV-1048 Batch Master with Classification data

Status	Approved
Owner	RAYUDU-ext, Narasimha Kumar
Stakeholders	

Purpose

The purpose of this document is to define the conversion approach to create Batches with Classification Data in S/4 HANA based on Master Data Standards DD-FUN-050 Master Data Standard_1048-Batch Master.

Batches are used extensively used in Syensqo Legacy System and used for below purposes.:

Quality Control

- Each batch can be tested and its quality attributes recorded. SAP enables linking quality results to specific batches, ensuring only compliant products are shipped.

Inventory Management

- Batches help manage inventory by expiration date, production date, or quality status.
- Enables First-Expired-First-Out (FEFO) or First-In-First-Out (FIFO) inventory strategies.

Production Efficiency

- Batches allow for detailed production planning and tracking.

Batch is activated at Material Level and it is unique.

Conversion Scope

The scope of this document covers the approach for converting active Batches & Classification Data from Legacy Source Systems into S/4HANA following the Master Data Design Standard.

The data from legacy system includes:

1. Materials in Scope
2. Materials marked as Batch in MARA/MARC
3. Batches in Stock (MCHB) - Inventory Exists
    - MCHB-CLABS is GT 0 Or
      MCHB-CUMLM is GT 0 Or
      MCHB-CINSM is GT 0 Or
      MCHB-CEINM is GT 0 Or
      MCHB-CSPEM is GT 0
4. Valuation Type (MCHA-BWATR) is Blank
5. Plants in Scope

The data from legacy system excludes:

1. Batches marked for Deletion

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
PF2	Batches in Stock	193K	SyWay-ERX	190K
WP2	Batches in Stock	20K	SyWay-ERX	20K

Additional Information

Multi-language Requirement

NA

Document Management

NA

Legal Requirement

NA

Special Requirements

NA

Target Design

The technical design of the target for this conversion approach.

Batch Basic Data

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
MCH1	MATNR	MATNR	Material Number	CHAR	80	Mandatory
MCH1	CHARG	CHARG_D	Batch Number	CHAR	10	Mandatory
MCH1	HSDAT	HSDAT	Date of Manufacture of the batch	DATS	10	Optional
MCH1	VFDAT	VFDAT	Shelf Life Expiration Date of the batch	DATS	8	Optional
MCH1	VERAB	VERAB	Batch available from date	DATS	8	Optional
MCH1	ZUSCH	DZUSCH	Unrestricted or Restricted	CHAR	1	Optional
MCH1	QNDAT	QNDAT	Date of next inspection	DATS	8	Optional
MCH1	LIFNR	LIFNR	Supplier's Account Number	CHAR	80	Optional
MCH1	LICHA	LICHA	Supplier batch	CHAR	15	Optional
MCH1	LWEDT	LWEDT	Date of last goods receipt	DATS	8	Optional
MCH1	HERKL	HERKL	Country/Region of Origin	CHAR	3	Optional
MCH1	HERKR	HERKR	Region of Origin	CHAR	3	Optional
MCH1	MTVER	MTVER	Export/Import Group	CHAR	4	Optional
MCH1	FVDT1	FVDT1	Date for free use	DATS	8	Optional
MCH1	FVDT2	FVDT2	Date for free use	DATS	8	Optional
MCH1	FVDT3	FVDT3	Date for free use	DATS	8	Optional
MCH1	FVDT4	FVDT4	Date for free use	DATS	8	Optional
MCH1	FVDT5	FVDT5	Date for free use	DATS	8	Optional
MCH1	FVDT6	FVDT6	Date for free use	DATS	8	Optional

Classification CHAR Values

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
AUSP	OBJEK	CUOBN	Key of Object to be Classified	CHAR	10	Mandatory
AUSP	ATINN	ATINN	Internal characteristic	NUMC	10	Mandatory
AUSP	ATZHL	WZAEHL	Characteristic value counter	NUMC	3	Mandatory
AUSP	ATWRT	ATWRT	Characteristic Value	CHAR	70	Mandatory

Classification NUM Values

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
AUSP	OBJEK	CUOBN	Key of Object to be Classified	CHAR	10	Mandatory
AUSP	ATINN	ATINN	Internal characteristic	NUMC	10	Mandatory
AUSP	ATZHL	WZAEHL	Characteristic value counter	NUMC	3	Mandatory
AUSP	ATFLV	ATFLV	Internal Floating Point Value From	NUMC	16	Optional
AUSP	ATFLB	ATFLB	Internal Floating Point Value To	NUMC	16	Optional
AUSP	ATCOD	ATCOD	Code for Value Dependency	CHAR	1	Optional

Classification CURR Values

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
AUSP	OBJEK	CUOBN	Key of Object to be Classified	CHAR	10	Mandatory
AUSP	ATINN	ATINN	Internal characteristic	NUMC	10	Mandatory
AUSP	ATZHL	WZAEHL	Characteristic value counter	NUMC	3	Mandatory
AUSP	ATFLV	ATFLV	Internal Floating Point Value From	NUMC	16	Optional
AUSP	ATFLB	ATFLB	Internal Floating Point Value To	NUMC	16	Optional

Batch Data at Plant Level

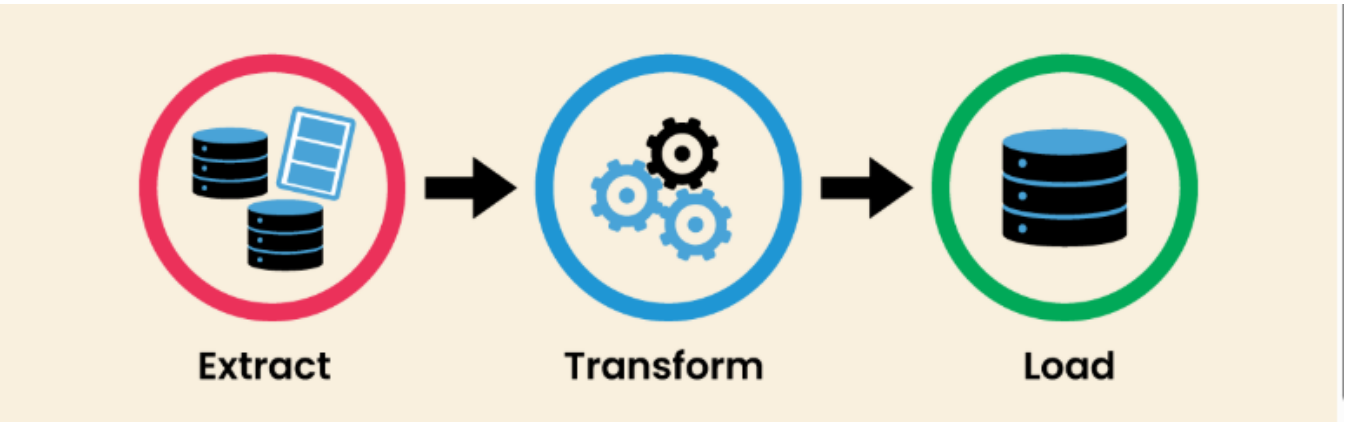
Table	Field	Data Element	Field Description	Data Type	Length	Requirement
MCHA	MATNR	MATNR	Material Number	CHAR	80	Mandatory
MCHA	CHARG	CHARG_D	Batch Number	CHAR	10	Mandatory
MCHA	WERKS	WERKS	Plant	CHAR	4	Optional
MCHA	BWTAR	BWTAR	Valuation Type	CHAR	10	Optional

Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
TBD					

Conversion Process

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



Data Privacy and Sensitivity
NA

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

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	Legacy System Extraction (PF2 & WP2) based on the Relevancy Rules from Table: MCH1 and AUSP (Key to Connect is Field MCH1-CUOBJ_BM pass it & AUSP-OBJEK.	Syniti
2	Extract the Class Number and Characteristics in Material and Batch Combination. These will be used when assigning Legacy data to New Class and Characteristics	Syniti

Selection Screen

NA				

Data Collection Template (DCT)
Target Ready Data Collection Template will be created for data with exception of some fields which require transformation as mentioned in the transformation rule.

DCT Rules

NA		

Extraction Dependencies

1	Ensure that the necessary cleansing activities in legacy sources (PF2 & WP2) are complete	Data Team / Business Data Owners

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
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

1	Run Relevancy in Syniti tool from MCHA, MCH1 and AUSP	Syniti

Transformation Rules

Batch Basic Data

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2 & WP2	MCH1	MATNR	Material Number	SyWay-ERX	MCHA	MATNR	Material Number	Key uniquely identifying the material. Derive the Material Number via legacy to SyWay Material Number from Cross Reference Tables
2	PF2 & WP2	MCH1	CHARG	Batch Number	SyWay-ERX	MCHA	CHARG	Batch Number	Direct Mapping
3	PF2 & WP2	MCH1	HSDAT	Date of Manufacture of the batch	SyWay-ERX	MCHA	HSDAT	Date of Manufacture of the batch	Direct Mapping
4	PF2 & WP2	MCH1	VFDAT	Shelf Life Expiration Date of the batch	SyWay-ERX	MCHA	VFDAT	Shelf Life Expiration Date of the batch	Direct Mapping Depending on how it is defined, this field can be interpreted as the best-before date (minimum shelf life) or the shelf life expiration date (maximum shelf life).
5	PF2 & WP2	MCH1	VERAB	Batch available from date	SyWay-ERX	MCHA	VERAB	Batch available from date	Direct Mapping
6	PF2 & WP2	MCH1	ZUSCH	Unrestricted or Restricted	SyWay-ERX	MCHA	ZUSCH	Unrestricted or Restricted	Direct Mapping
7	PF2 & WP2	MCH1	QNDAT	Date of next inspection	SyWay-ERX	MCHA	QNDAT	Date of next inspection	Direct Mapping
8	PF2 & WP2	MCH1	LIFNR	Supplier number	SyWay-ERX	MCHA	LIFNR	Supplier number	Derive the Supplier Number via legacy to SyWay BP Number from Cross Reference Tables
9	PF2 & WP2	MCH1	LICHA	Supplier batch	SyWay-ERX	MCHA	LICHA	Supplier batch	Direct Mapping
10	PF2 & WP2	MCH1	LWEDT	Date of last goods receipt	SyWay-ERX	MCHA	LWEDT	Date of last goods receipt	Direct Mapping
11	PF2 & WP2	MCH1	HERKL	Country /Region of Origin	SyWay-ERX	MCHA	HERKL	Country /Region of Origin	Direct Mapping
12	PF2 & WP2	MCH1	HERKR	Region of Origin	SyWay-ERX	MCHA	HERKR	Region of Origin	Direct Mapping
13	PF2 & WP2	MCH1	MTVER	Export/Import Group	SyWay-ERX	MCHA	MTVER	Export/Import Group	Direct Mapping
14	PF2 & WP2	MCH1	FVDT1	Date for free use	SyWay-ERX	MCHA	FVDT1	Date for free use	Direct Mapping
15	PF2 & WP2	MCH1	FVDT2	Date for free use	SyWay-ERX	MCHA	FVDT2	Date for free use	Direct Mapping
16	PF2 & WP2	MCH1	FVDT3	Date for free use	SyWay-ERX	MCHA	FVDT3	Date for free use	Direct Mapping
17	PF2 & WP2	MCH1	FVDT4	Date for free use	SyWay-ERX	MCHA	FVDT4	Date for free use	Direct Mapping

18	PF2 & WP2	MCH1	FVDT5	Date for free use	SyWay-ERX	MCHA	FVDT5	Date for free use	Direct Mapping
19	PF2 & WP2	MCH1	FVDT6	Date for free use	SyWay-ERX	MCHA	FVDT6	Date for free use	Direct Mapping
20	PF2 & WP2		CLASSNUM	Class Number	SyWay-ERX				Note: this field to be extracted and transformed to a new Class number. If characteristics of one of the Classification CHAR Value , NUM Values or Classification CURR or Values. With this, If the class is provided the system creates all the values for characteristics with reference to a table field automatically during migration.

Classification CHAR Values

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
21	PF2 & WP2	AUSP	OBJEK	Key of Object to be Classified	SyWay-ERX	AUSP	OBJEK	Key of Object to be Classified	Key uniquely identifying the material. Derive the Material Number via legacy to SyWay Material Number from Cross Reference Tables
22	PF2 & WP2	AUSP	ATINN	Internal characteristic	SyWay-ERX	AUSP	ATINN	Internal characteristic	Need to derive from Cross reference Table for Old Characteristics Vs New Characteristics.
23	PF2 & WP2	AUSP	ATZHL	Characteristic value counter	SyWay-ERX	AUSP	ATZHL	Characteristic value counter	If a characteristic has multiple values, assign an internal counter number to each value, sequencing them from 001 to 999.
24	PF2 & WP2	AUSP	ATWRT	Characteristic Value	SyWay-ERX	AUSP	ATWRT	Characteristic Value	Direct Mapping. Need to validate the Characteristics values with allowed values in DCT-Characteristics.

Classification NUM Values

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
25	PF2 & WP2	AUSP	OBJEK	Key of Object to be Classified	SyWay-ERX	AUSP	OBJEK	Key of Object to be Classified	Key uniquely identifying the material. Derive the Material Number via legacy to SyWay Material Number from Cross Reference Tables
26	PF2 & WP2	AUSP	ATINN	Internal characteristic	SyWay-ERX	AUSP	ATINN	Internal characteristic	Need to derive from Cross reference Table for Old Characteristics Vs New Characteristics.
27	PF2 & WP2	AUSP	ATZHL	Characteristic value counter	SyWay-ERX	AUSP	ATZHL	Characteristic value counter	If a characteristic has multiple values, assign an internal counter number to each value, sequencing them from 001 to 999.
28	PF2 & WP2	AUSP	ATFLV	Internal Floating Point Value From	SyWay-ERX	AUSP	ATFLV	Internal Floating Point Value From	Direct Mapping Numerical Value from (Floating point) TIME values must have the format HHMMSS, for example 112855. DATE values must have the format YYYYMMDD, for example 20151231. Ignore the automatically set decimals. NUM values can be entered with or without a decimal separator, for example 1000 or 1000.99. Missing Decimals are automatically set. This value also dependent on Unit of Measure field assigned in Characteristics DCT (Field-CABN-MSEHI).
29	PF2 & WP2	AUSP	ATFLB	Internal Floating Point Value To	SyWay-ERX	AUSP	ATFLB	Internal Floating Point Value To	Numerical Value to (Floating point) (only used in intervals) TIME values must have the format HHMMSS, for example 112855. DATE values must have the format YYYYMMDD, for example 20151231. Ignore the automatically set decimals. NUM values can be entered with or without a decimal separator, for example 1000 or 1000.99. Missing Decimals are automatically set. This value also dependent on Unit of Measure field assigned in Characteristics DCT (Field-CABN-MSEHI). This value also dependent on Unit of Measure field assigned in Characteristics DCT (Field-CABN-MSEHI).
30	PF2 & WP2	AUSP	ATCOD	Code for Value Dependency	SyWay-ERX	AUSP	ATCOD	Code for Value Dependency	Direct Mapping

Classification CURR Values

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
31	PF2 & WP2	AUSP	OBJEK	Key of Object to be Classified	SyWay-ERX	AUSP	OBJEK	Key of Object to be Classified	Key uniquely identifying the material. Derive the Material Number via legacy to SyWay Material Number from Cross Reference Tables
32	PF2 & WP2	AUSP	ATINN	Internal characteristic	SyWay-ERX	AUSP	ATINN	Internal characteristic	Need to derive from Cross reference Table for Old Characteristics Vs New Characteristics.
33	PF2 & WP2	AUSP	ATZHL	Characteristic value counter	SyWay-ERX	AUSP	ATZHL	Characteristic value counter	If a characteristic has multiple values, assign an internal counter number to each value, sequencing them from 001 to 999.
34	PF2 & WP2	AUSP	ATFLV	Internal Floating Point Value From	SyWay-ERX	AUSP	ATFLV	Internal Floating Point Value From	Direct Mapping Numerical Value from (Floating point) TIME values must have the format HHMMSS, for example 112855. DATE values must have the format YYYYMMDD, for example 20151231. Ignore the automatically set decimals. NUM values can be entered with or without a decimal separator, for example 1000 or 1000.99. Missing Decimals are automatically set. This value also dependent on Unit of Measure field assigned in Characteristics DCT (Field-CABN-MSEHI).
35	PF2 & WP2	AUSP	ATFLB	Internal Floating Point Value To	SyWay-ERX	AUSP	ATFLB	Internal Floating Point Value To	Numerical Value to (Floating point) (only used in intervals) TIME values must have the format HHMMSS, for example 112855. DATE values must have the format YYYYMMDD, for example 20151231. Ignore the automatically set decimals. NUM values can be entered with or without a decimal separator, for example 1000 or 1000.99. Missing Decimals are automatically set. This value also dependent on Unit of Measure field assigned in Characteristics DCT (Field-CABN-MSEHI). This value also dependent on Unit of Measure field assigned in Characteristics DCT (Field-CABN-MSEHI).

Batch Data at Plant Level

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
36	PF2 & WP2	MCHA	MATNR	Material Number	SyWay-ERX	MCH1	MATNR	Material Number	Key uniquely identifying the material. Derive the Material Number via legacy to SyWay Material Number from Cross Reference Tables
37	PF2 & WP2	MCHA	CHARG	Batch Number	SyWay-ERX	MCH1	CHARG	Batch Number	Direct Mapping
38	PF2 & WP2	MCHA	WERKS	Plant	SyWay-ERX	MCH1	WERKS	Plant	Derive the Plant via legacy to SyWay To-Be Plant from Cross Reference Tables
39	PF2 & WP2	MCHA	BWTAR	Valuation Type	SyWay-ERX	MCH1	BWTAR	Valuation Type	Direct Mapping

Transformation Mapping

Mapping Table Name	Mapping Table Description
Legacy Mapping of Class to S/4 HANA Class	zLegacyclass
Legacy Mapping of Characteristics to S /4 HANA Characteristics	zLegacycharac
Legacy Mapping of Materials to S/4 HANA Material Number	zLegacymaterial
Legacy Mapping of Supplier Number to S/4 HANA BP Number	ZLegacyBP
Legacy Mapping of Plant to S/4 HANA BP Number	ZlegacyPlant

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible

1	Extract PF2 & WP2 source tables – MCHA, MCH1 & AUSP	Syniti
4	Ensure that all required Configurations are in S/4HANA	SyWay-Functional Team

Pre-Load Validation

Project Team

Completeness

Task	Action
Verify Load File Count	SCM Data Team to verify that the total number of relevant records from the load file is equal to the total number of records in the Preload and Load Sheets.
Verify Consent	Verify the appropriate consents for the records have been obtained by the business/Data Owners and properly recorded

Accuracy

Task	Action
Conversion Accuracy	SCM Data team to verify that all the data in the load table/file is accurate as per relevancy rules and transformation rules with below checks: 1. Mandatory Fields 2. Field and Value Mapping Correctness 3. Null 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 the is equal to the total number of records in the Preload and Load Sheets.
Verify Consent	Verify that the appropriate consents for the records have been obtained by the business and properly recorded

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.

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
3. Load approach: Migration Cockpit using Staging Tables

Load Run Sheet

Item #	Step Description	Team Responsible
1	Ensure Pre-load sign-offs are obtained.	SCM Data team
2	Go to the load tool and select the correct load Program.	SCM Data team
3	Proceed with Data load.	SCM Data team
4	Validate few records loaded by accessing standard transactions.	SCM Data team
5	Generate the post load reports in the tool.	SCM Data team
6	Log errors as defects, if any and address resolutions. Close defects.	SCM Data team
7	Resolve defects by re-upload and re-generate post load reports if necessary.	SCM Data team
8	Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off.	Business
9	Repeat steps 5 to 7 if necessary.	SCM Data team

Load Phase and Dependencies

Configuration

Item #	Configuration Item

Conversion Objects

Object #	Preceding Object Conversion Approach
1	CNV-1047 Batch Characteristics of Class Type: 023
2	CNV-1046 Classes Type: 023 (Batch)

Error Handling

Error Type	Error Description	Action Taken
Configuration	***<configuration>* is not valid/missing**	If it is a missing configuration item then engage Functional team to expedite and fix the error in the system.
Invalid Data	<*parameter*> is not valid.	The parameter entry needs to be reviewed (ex. invalid payment terms). If it is an invalid data, business needs to review and correct the source of the data either in Legacy Systems PF2 and WP2.
Technical Setup	Interface / Connection issue within target system's landscape	N/A – the data will be loaded directly to S/4HANA environment
Authorisation Error	<*USER ID*> is not authorised to access Business Partner create	Contact Basis to obtain Fire Fighter ID or fix the authorisation setup

Post-Load Validation

Project Team

Completeness

Task	Action
Verify the count	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including any deduplication) results

Accuracy

Task	Action
Data Accuracy	SCM Data team to verify that all the data in the post load table/file is accurate as per signed-off transformation rules and DCT contents
Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Data Consistency	Verify that the data loaded is correctly reflected in T-Code: MSC03N or Table: MCHA & AUSP.

Business

Completeness

Task	Action
Verify Count	Verify that the record count in the post load file is the same as the record count based on the relevancy (including deduplication) results
Validate Loaded Data	Validate, as per the load files signed-off, that all records were created

Accuracy

Task	Action
Verify Data Accuracy	Verify that all the data in the target tables is accurate as per signed-off transformation rules
Review Post Load Error Reports	Verify that all necessary post load error reports have been validated, and that errors have been addressed.
Validate Loaded Data	Validate, as per the loads files signed-off, that all records are in the target system

Key Assumptions

- The Master Data Standards document is a evolving document where value mappings/validation checks are still being finalized as we are currently in the detailed phase as of September 2025.
- Batch Master and Classification data is in scope based on data design and any exception requested by business.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 22)	**Apr 29, 2026 17:10**	**RAYUDU-ext, Narasimha Kumar**	CR0436

v. 21	Apr 29, 2026 11:26	**RAYUDU-ext, Narasimha Kumar**	
v. 20	Dec 12, 2025 13:34	**RAYUDU-ext, Narasimha Kumar**	
v. 19	Oct 14, 2025 14:32	**RAYUDU-ext, Narasimha Kumar**	
v. 18	Oct 14, 2025 14:28	**RAYUDU-ext, Narasimha Kumar**	
v. 17	Oct 14, 2025 14:05	**RAYUDU-ext, Narasimha Kumar**	
v. 16	Oct 14, 2025 14:05	**RAYUDU-ext, Narasimha Kumar**	Rework Syniti
v. 15	Oct 10, 2025 15:53	**RAYUDU-ext, Narasimha Kumar**	
v. 14	Oct 10, 2025 15:43	**RAYUDU-ext, Narasimha Kumar**	
v. 13	Oct 10, 2025 15:40	**RAYUDU-ext, Narasimha Kumar**	

Go to Page History

Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

From Dec 12, 2025 to Apr 29, 2026	Actor	Type	Activity	Version
Approved	RAYUDU-ext, Narasimha Kumar	Edit	updated the page at 1:34 pm	
Nov 07, 2025				
	MCARDLE-ext, Edward	State	changed state to Approved at 7:34 pm	v19
Lead Approval	MCARDLE-ext, Edward	State	changed expiry date to '14 Nov, 2025 07:34 pm' at 7:34 pm	
		State	gave *Minor change* approval at 7:34 pm	
		State	changed state to Lead Approval at 7:34 pm	v19
Edited following Tech Review	MCARDLE-ext, Edward	State	gave *Minor change* approval at 7:34 pm	
Oct 14, 2025				
	RAYUDU-ext, Narasimha Kumar	Edit	updated the page at 2:05 pm	