**Functional Specifications**

**For**

**4000002384 – Creation of Custom Report 3000052565**

**Approvals:**

|  |  |  |
| --- | --- | --- |
| Name | Role | Signature, Stamp & Date |
| Rahul Ghosh | SAP Solution Architect, RAK Ceramics |  |
| Dinesh Sharma | SAP Change Manager, RAK Ceramics |  |
| Kalpana A | Service Delivery Manager, support Partner |  |

|  |  |
| --- | --- |
| **Business Process Organizational Structure** |  |
| **Process Owner** | Karthick Duraisamy |
| **Original Author(s)** |  |
| **Current Revision Author(s)** |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Revision Notes** |
| 0.01 | 20 Jan 2025 | *Poonam Pednekar* | Initial version |
| 0.01 | 20 Jan 2025 | *Nikhil Gaikwad* | Initial version |
| 0.02 | 06 Feb 2025 | *Poonam Pednekar* | Revised version |
| 0.02 | 06 Feb 2025 | *Nikhil Gaikwad* | Revised version |
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**Table of Contents**

[1 OBJECT REQUIREMENT SUMMARY 4](#_Toc436143223)

[1.1 Object Information and Attributes 4](#_Toc436143224)

[1.2 Requirements Summary and Business Driver 5](#_Toc436143225)

[1.3 Assumptions 5](#_Toc436143226)

[1.4 Current Functionality 5](#_Toc436143227)

[1.5 Required Functionality 5](#_Toc436143228)

[2 DETAILED SPECIFICATIONS 6](#_Toc436143229)

[2.1 RICEFW Type Specific Information – Enhancement 6](#_Toc436143230)

[2.2 Error Handling 9](#_Toc436143231)

[3 ADDITIONAL INFORMATION 10](#_Toc436143232)

[3.1 Unit Test Plan 10](#_Toc436143233)

[3.2 Information Security 11](#_Toc436143234)

[3.3 Audit 14](#_Toc436143235)

[4 Questions / Issues / Risks 15](#_Toc436143236)

[4.1 Questions/Issues/Risks 15](#_Toc436143237)

[5 Sign-off 15](#_Toc436143238)

[6 Contributors and Participants 15](#_Toc436143239)

# OBJECT REQUIREMENT SUMMARY

## Object Information and Attributes

The following is current information about this object and document:

|  |  |
| --- | --- |
| **Object ID** | 4000002384 |
| **Title** | Creation of Custom Report |
| **Team Which Owns the Object** | PP |
| **System Version** |  |
| **Development Type** | Development |
| **Link to Process Flow/FDD** |  |

## Requirements Summary and Business Driver

* Requirement is to develop the report where it shows header material, its subcomponents, operations and suboperations also power consumption for it as output on one screen. For selection screen the inputs should be header material, and production version.

### Alternatives to Object

NA

### Impact of Implementation

The report where it will show header material, its subcomponents and operations and suboperations also power consumption for it as output on one screen

### Impact of No Implementation

N/A

## Assumptions

*Description:*

*Assumptions include those that will impact development, testing, roll-out, implementation and on-going maintenance, as well as any potential impacts on other processes.*

## Current Functionality

N/A

## Required Functionality

* Report should show the header material, its subcomponents and operations, suboperations also power consumption for it as output on one screen. For selection screen the inputs should be header material, and production version.

**Functional logic:**

**Refer below logic for report with attached excel for layout.**

1. **Selection screen –**

Selection screen should consist following selection parameters:

1. Material number

Pass MATNR in MAST table

1. Plant: Fetch WERKS
2. Production version

Pass MATNR in MKAL and fetch VERID in selection

& execute the report.

1. **Output Screen**
2. Column 1 – Finished Good MATNR(selection screen)
3. Column 2- Subcomponents (STPO-IDNRK)

Logic- Pass MATNR to MAST table and fetch STLNR, STLAL.

After pass STLNR, STLAL to STAS table and fetch STKLN all.

Then pass STLNR, STKLN all to STPO and fetch IDNRK (all in list).

1. Column 3- Operations (PLPO-KTEXT all fields)

Pass PLNNR-PLPO and fetch all KTEXT for line-item material.

Initial PLNNR we will fetch from production version and table MKAL.

1. Column 4: Base Quantity (PLPO-BMSCH)

Pass PLNNR and fetch BMSCH

1. Column 5- Power (PLPO- VGW01)

Pass PLNNR-PLPO and fetch VGW01

1. Column 6- UOM Unit of measure (PLPO-VGE01)

Pass PLNNR-PLPO and fetch VGE01

1. Column 7-Natural Gas (PLPO-VGW02)

Pass PLNNR-PLPO and fetch VGW02

1. Column 8-UOM unit of measure (PLPO-VGE02)

Pass PLNNR-PLPO and fetch VGE02

1. Column 9- LPG(PLPO-VGW03)

Pass PLNNR-PLPO and fetch VGW03

1. Column 10- unit of measure (PLPO-VGE03)

Pass PLNNR-PLPO and fetch VGE03

1. Column 11-Machine Hours MCHHR(PLPO-VGW04)

Pass PLNNR-PLPO and fetch VGW04

1. Column 12 -UOM (PLPO-VGE04)

Pass PLNNR-PLPO and fetch VGE04

1. Column 13-Labour Hour LABHR(PLPO-VGW05)

Pass PLNNR-PLPO and fetch VGW05

1. Column 14- UOM(PLPO-VGE05)

Pass PLNNR-PLPO and fetch VGE05

1. Column 15-DEPHR(PLPO-VGW06)

Pass PLNNR-PLPO and fetch VGW06

1. Column 15-UOM(PLPO-VGE06)

Pass PLNNR-PLPO and fetch VGE06

please find below excel for Layout reference.

Input screen

[Selection Screen.xlsx](https://capgemini-my.sharepoint.com/:x:/p/poonam_rajesh-pednekar/ESORjX6PA4lBmaQIqGbWN0sBJsbjJ9-I0Ea6TGTevrRzAQ?e=N9QXZv)

Output screen

[Output screen.xlsx](https://capgemini-my.sharepoint.com/:x:/p/poonam_rajesh-pednekar/Ee4TSkp0kPJFnYHHqb9Y8gcBpMk50zG_zirSrtCe8mdxIw?e=WgDapb)

Dependency / Constraints

* NA

## 1.7 Security Requirements

* NA

## Business Test Conditions

|  |  |
| --- | --- |
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**TABLE USED**

|  |  |  |
| --- | --- | --- |
| **SR.NO** | **TABLES** | **TABLE DETAILS** |
| **1** | **MAST** | **Material to BOM link** |
| **2** | **STPO** | **BOM Item** |
| **3** | **PLPO** | **Task List** |
| **4** | **MKAL** | **Production version of Material** |

# DETAILED SPECIFICATIONS

## RICEFW Type Specific Information – Development

| ***Enhancement Details (if applicable)*** | |
| --- | --- |
| **SAP Transaction Code** | < Transaction Code which will be modified> |
| **Menu Path** | <Menu path used to modify the transaction> |
| **User Exit Name/BADI** | <Name of the program which will be modified> |

*Description: This section will be used to document customization requirements for enhancements and , modifications. If logic to the form is being changed, complete the next section.*

| *Enhancement Requirements* | |
| --- | --- |
| Number | Description of Requirement |
|  | <Description> |
|  |  |

# 

#### **Enhancement – Additional Processing Logic**

## Error Handling

# ADDITIONAL INFORMATION

## Unit Test Plan

## Information Security

### Information Classification

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **General Information** | | | | | | | | | | | |
| Businesses Impacted: | |  | | | | | | | | | |
| Information Classified by whom: | |  | | | | | | | **Date** | |  |
| **Contact Information** | | | | | | | | | | | |
|  | **Company** | | | **Name** | | | **Phone** | | | | **E-mail Address** |
| List Potential  Information Owners: |  | | |  | | |  | | | |  |
| **Architecture** | | | | | | | | | | | |
| Environments: (impacted by this Fspec): | | | | **Development  Test  Training  Production** | | | | | | | |
| Architecture: (system exposure): | | | | **Public (Internet) Facing  Internal Only**  **3rd Party Hosted  Company \* Hosted** | | | | | | | |
| **Identity & Access Management** | | | | | | | | | | | |
| During Project  3rd party system access required? | | | **Yes**  **No** | Offshore? | | **Yes**  **No** | | List the 3rd Parties: | |  | |
| Post Implementation  3rd party system access required? | | | **Yes**  **No** | Offshore? | | **Yes**  **No** | | List the 3rd Parties: | |  | |
| **Business Impact Analysis** | | | | | | | | | | | |
| What may be impacted if the system or information/data is compromised? Check all that may apply. | | | | | | | | | | | |
| Brand Reputation/Trust  Associate Relations  Competitive Advantage  Financial Impact  Productivity  Supply Chain  Contractual (i.e. NDA’s, MSA’s) | | | | | Regulatory  Compliance  Securities & Exchange Commission (SEC)  Payment Card Industry (PCI)  Sarbanes-Oxley (SOX)  Privacy Laws | | | | | | |
| Input any additional details related to business impact in the event of compromise: | | | | | | | | | | | |

|  |
| --- |
| **Information Classification** |
| **Action #1: Check the box below that represents the most restrictive classification.**  **Action #2: If Level 1 or 2 is selected, check the box below indicating data storage or data transmission.**  ***See “Information Classification, Labelling and Handling” in*** [***Client A’s ISC Standards***](http://insidetgt.target.com/portal-target/Target/ISG/infosecurity_home?paf_dm=full&paf_gear_id=4800018&navpath=22202190_22202192_22202192&contentid=PRD01-099534&selectedId=22202192&spath=22202190_22202192_22202192&title=PRD01-099534+Information+Security+St) ***for details on the formal classifications and data handling standards.***  ***Information has been defaulted to level 3. Please review and update in collaboration with the security team*** |
| Level 1 – Confidential – Secure Handling Required “SHR”  **Confidential – Secure Handling Required** represents the most sensitive data classification related to individual personal identifiable information and personal financial account information. This information considered critical to Client A such that, if disclosed, may disrupt or impede business operations, and due to legal, reputational, or operational concerns, requires additional security controls. Information in this category includes, but is not limited to:  1. Social Security Number  2. Driver’s License Number or Government-issued Identification Number  3. Financial Account Number (card number or personal bank number)  4. Protected Health Information & Electronic Protected Health Information  **SHR data stored?  SHR data transmitted?  SHR data stored and transmitted?** |
| Level 2 – Confidential  **Confidential** represents the second most sensitive data classification related to operationally significant business information. This information considered critical to Client A such that, if disclosed, may disrupt or impede business operations. Examples of Restricted Confidential include but are not limited to regulatory governed data, trade secrets, mergers and acquisition discussions, product formulas and designs, corporate earnings data prior to public announcements, reorganization details prior to announcements, current/closed company investigations and litigation, detailed network diagrams that could jeopardize network security, strategic development/marketing plans and information integral to the success and operations of the company.  This includes: Pre-release aggregated financial data relevant to U.S. Securities and Exchange Commission oversight; Client A’s own commercial bank account numbers (i.e. where Client A makes deposits, pays checks and executes ACH transfers for their own account)  **Confidential data stored?  Confidential data transmitted?  Confidential data stored and transmitted?** |
| Level 3 – Internal Client A Use Only  Internal Client A Use Only represents the third most data. It represents information that is less critical to privacy and business operations but still must not be publicly disclosed. This information is not approved for general circulation outside Client A.  This includes most transactional financial information. |
| Level 4 - Public  Public represents information that has been declared public knowledge by the information owner and can freely be given to anyone without any possible impact to Client A. As a result, no special data handling protections are required. |

### Security Roles (Profiles and Authorizations)

*This section should define the general security administration for this design. Security roles, profiles and authorizations will be finalized later other Workshops. Define the general security for this design including any organizational level restrictions required (e.g. report should be available for Client A.Com only). List a Standard TCode/Report/Object that most resembles the custom development. Outline general authorization checks for special reports and/or enhancements due to data classifications and any other special security considerations.*

*Please assign role defined in BPP for performing the activity/task using the form, report, enhancement, portal and interface object. Please collaborate with the security team to fill the document.*

| ***Security Requirements for Enhancements*** | | |
| --- | --- | --- |
| Security Type | Role | Access Allowed |
| Screen Level Security | <BPP Role 1>  <BPP Role 2> | <read, read/update> |
| Field Level Security | <BPP Role 1>  <BPP Role 2> | <List restrictions on the fields on the form that individuals with this role can either see. The fields like SSN number, Credit Card number, etc that has sensitive information need to be listed with the kind of access for query, display and print.> |
| Button Security | <BPP Role 1>  <BPP Role 2> | <Any restrictions on the buttons that someone with this role can either see and/or invoke> |
| Data Security | <BPP Role 1>  <BPP Role 2> | <Any restrictions on the data that someone with this role can either see and/or update> |

## Audit

*This section should define any audit solution for this design.*

*Transactional data and changes to master data within the SAP application are captured by standard SAP in the CDHDR table. If there are additional requirements to capture audit history on new custom tables defined for fulfilling the functional requirements in this FSPEC, please specify the same. The name of the custom tables and the detailed design would be described in the Realization Phase of the project in the technical specs.*

| *Audit Trail Requirements* | | |
| --- | --- | --- |
| Audit Event | Description | Audit Trail Updates |
| <Event which causes the need for an audit trail; e.g., data is changed> | <Description> | <Audit message / fields audited> |
|  |  |  |
|  |  |  |

# Questions / Issues / Risks

| Questions/Issues/Risks | | | |
| --- | --- | --- | --- |
| Asked By | Question/Issue/Risks | Resolution | Resolution Date |
|  |  |  |  |
|  |  |  |  |

# Sign-off

|  |  |  |
| --- | --- | --- |
| Role | Name | Signature |
| Business Process Owner |  |  |
| Capgemini Team  Lead |  |  |

# Contributors and Participants

|  |  |
| --- | --- |
| Role | Name |
| Business Subject Matter Advisor |  |
| IT Subject Matter Advisor |  |
| Consultant |  |