Bill Of Materials

Module Guide: Bill of Materials (BOM)

Module Location

PPIC > Bill of Materials

Module Objective

The **Bill of Materials** module is the master data hub for creating and managing Bills of Materials (BOMs). A BOM is the standard "recipe" or formula that details all components, raw materials, and packaging materials, along with their quantities, needed to produce one unit of a finished good.

1. Main View (BOM List)

The main page of this module displays a list of all Bills of Materials (BOMs) that have been defined in the system.

View Explanation

- **View**: This page is a list of all product recipes. You can see the **BOM Code** and the **Finished Good** name that results from that recipe.
- **Action Buttons**:
  - **[New]**: The primary button to create a new Bill of Materials (BOM).

2. Steps to Create a New BOM

Step 1: Create a New BOM

From the Main View, click the **[New]** button to open the BOM creation form.

Step 2: Define the Production Result (Output)

On the form that appears, in the **Output Material** section, click the "Add/Remove" icon and select one **Finished Good**. This is the final product that will be produced by this recipe.

Step 3: Detail the Required Materials (Input)

In the **Input Material** section, click the "Add/Remove" icon and select all the **RAW MATERIALS** or other components needed. For each input material, define the standard quantity required to produce one unit of the finished good.

Step 4: Save the BOM

After all output and input materials are filled in correctly, click the **[Save]** button to save the new recipe or BOM.

Workflow & Integrated Business Process

- **Planning Basis**: The BOM you create here is the fundamental data that will be used by the **MRP (Material Requirements Planning)** system to calculate the total raw material requirements.

- **Production Basis**: This BOM will also be the reference when creating a **Production Order** to ensure the requested and used materials are in accordance with the standard.

Tips & Important Notes

- The **accuracy of the BOM data** (especially the input material quantity) is crucial. An error here will cause errors in purchase planning, cost calculation, and stock control.

- This is a vital master data module for the **PPIC, R&D, and Production** teams.

Revision #1
Created 18 October 2025 13:31:55 by Sayu
Updated 18 October 2025 13:33:39 by Sayu