Raw Material Comparison

Report Module Guide: Raw Material Comparison Report (Material Usage Variance Report)

Module Location

PPIC > Reports > Raw Material Comparison Report

Module Objective

The **Raw Material Comparison Report** module is used to generate an analytical report that compares the **actual usage** of raw materials with the **standard quantity** that should have been used (based on the BOM/recipe) for each Work Order. This report calculates the material usage variance, both in quantity and as a percentage, to identify efficiency or waste.

1. Report Parameters (Filter)

The main page of this module is a form containing various parameters to customize the report that will be generated.

Here is an explanation for each parameter:

- **View**: A filter for Item/Service (function is unclear).
- **Work Order Date**: Specify the **From** and **To** date range for the Work Orders whose material usage will be analyzed.

- **Work Order Number**: Select **All** or **Select Work Order Number** to focus on a specific production batch.
- **Item/Service Name**: Select **All** or **Select Item/Service Name** to focus on a specific finished good.

2. Steps to Generate the Report

Step 1: Set Report Parameters

Define the parameters you need, especially the **Period** and the **Work Order Number** or **Item/Service Name** if you want to focus on a specific analysis.

Step 2: Generate the Report

After all parameters are set, click one of the two buttons at the bottom:

- **[Display Report]**: To preview the comparison report directly on your screen.
- **[Export to MS Excel]**: To download the report data in an Excel file format.

3. Reading the Report (Report Content)

The generated report is a comparative analysis of raw material usage per Work Order.

Key Column Explanation

- **Raw Material Used**: Details each raw material that was used.

- **Std Qty**: The standard quantity of raw material that should have been used according to the BOM.
- **Actual Qty**: The actual quantity of raw material issued from the warehouse.
- **Difference**: The quantity variance (**Actual Qty - Std Qty**). A negative value means more efficient; a positive value means waste.
- **% Difference**: The variance as a percentage.

Tips & Important Notes

- This report is very similar to the *Report on Raw Materials / Supporting Materials Used*, but may have a slightly different focus or format. Both are used to analyze material usage variance.
- Use the **Difference** and **% Difference** columns to identify which raw materials or Work Orders have the highest level of waste.
- This is a key analysis report for **Production Managers and Cost Accountants**.

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