An Expert's 8-Step Journey to **Automated Batch Determination Anchored in Shelf Life**

SAP Knowledge Hub

An Expert's 8-Step Journey to Automated Batch Determination Anchored in Shelf Life:

This document outlines 8 essential steps for automating batch determination in deliveries based on the SLED (Stockkeeping Unit with Shelf Life Expiration Date) principle.
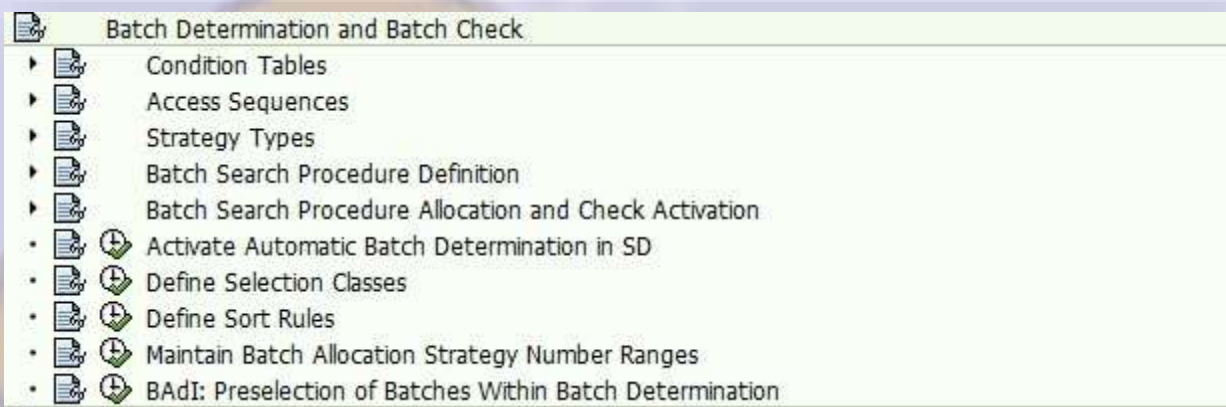
Concept:

The concept of batch determination based on SLED is primarily employed in industries dealing with perishable goods, such as the food and beverage industry and the pharmaceutical industry. It is crucial for companies to prioritize the delivery of stocks that are nearing their expiration dates.

Where to Configure:

Before explaining "what" to configure, let me guide you on "where" to perform the entire configuration:
Batch management operates through condition techniques. You can access the configuration settings via the following menu path:
SPRO > Logistics General > Batch Management > Batch Determination and Batch Check.

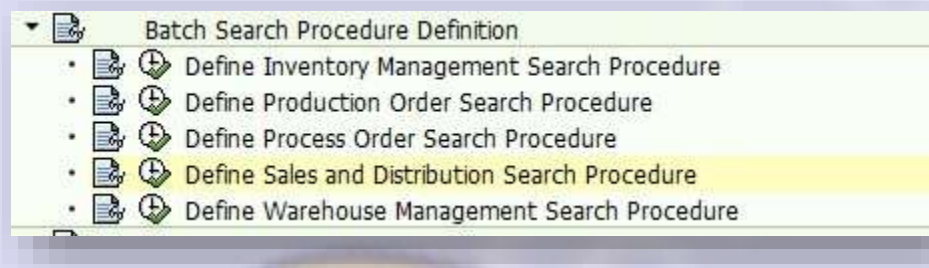8 Steps to Automate Batch Determination in Delivery.

STEP 1: Strategy type:

In this step, you define strategy types for batch determination in Sales and Distribution. The function of search strategy is to search the relevant batches while creating Deliveries.

A search strategy assigned with a selection class uses the shelf life expiration date as search criterion during batch determination.

To be able to define strategy types, you must have defined the necessary access sequences. Here you also assign Class Type 023 and Sort sequence – sort expiration, which is shown step 4 and 5

STEP 2: Batch search procedure:

In this step, you define search procedures for batch determination in Sales and Distribution and assign strategy type.

STEP 3: Batch Search Procedure Allocation and Check Activation:

In this step you assign relevant sales area to document type and check activate the batch check.

If a delivery is used without reference to a sales order, you must have done the following in order to execute batch determination:

- Defined the default order type for the delivery type (Logistics Execution -> Shipping -> Deliveries -> Define Delivery Types)
- Assigned the default order type to a batch search procedure

STEP 4 – Activate Automatic Batch Determination in SD:

In this step you activate delivery item categories for which you want batch determination to be triggered automatically.

STEP 5 – Selection class:

In this step, you define selection classes 023 and maintain Characteristics as LOBM_VFDAT, LOBM_RLZ and LOBM_LFDAT

STEP 6: Define Sort Rules:

In this step, you define sort rules. With the help of sort rules, you define according to which criteria, that is using which characteristics batches are to be sorted.

STEP 7 – Master data:

In this step you assign class – 023 in the classification tab of material master

You also need to activate BATCH MANAGEMENT in Sales: General/Plant tab of material master

STEP 8 – Condition records:

In this step you have to maintain relevant condition records for the materials

While creating condition records please maintain the days under which batches should be picked

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