

# **SAP PM Equipment Bill of Materials**



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#### SAP PM Equipment Bill of Materials:

#### **Definition:**

The Equipment Bill of Material in the SAP PM module is a vital component of Master Data within the SAP PM module. It serves the purpose of cataloguing information about spare parts associated with specific technical objects, such as Equipment. This information plays a crucial role in maintenance processes, aiding maintenance planners in locating the necessary spare parts for replacements. With this system in place, planners are relieved of the task of manually searching for spare parts within the complete material master during maintenance order processing.

As a consultant, it is highly recommended to create Equipment Bills of Material.

#### How to Create an Equipment Bill of Material in SAP PM:

**Step 1:** Access the SAP FIORI Launchpad and execute transaction code IB01 to create an Equipment Bill of Material.

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**Step 2:** Create Equipment BOM initial screen will appear. Here you must enter the equipment with reference to which you want to create the bill of material.

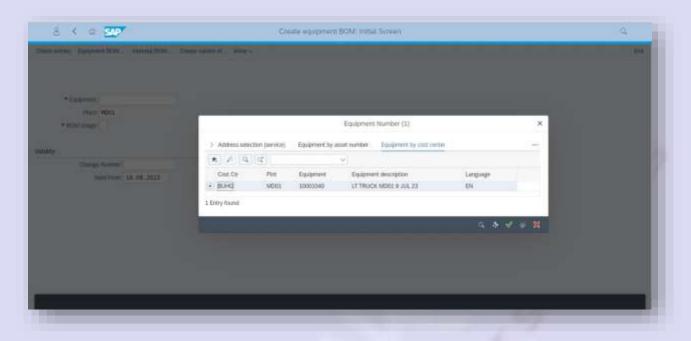
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**Step 3:** Select the plant to which equipment belongs to or where equipment is physically installed.

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**Step 4:** Select the BOM usage 4 – Plant Maintenance. Here you will get total 8 entries because bill of material is used in other modules also. Like Production Planning, Material



Management, Sales Distribution. You will be able to use this Equipment BOM in maintenance processing only if you select BOM usage as 4.

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**Step 5:** Press enter to continue. Now the general item overview screen will appear.

**Step 6:** Here you can assign all the spare parts of the equipment with quantity.

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**Step 7:** In the material tab. Select the desired material and enter the quantity.



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**Step 8:** Select the item category very carefully. There are two item categories are applicable here. L and N. L means Stock item, which in turn means that material is always available in warehouse for use. In the maintenance order a reservation will be created for this material.

However, N means that material non-stock material, which means that a purchase requisition will be triggered from the maintenance order if this material required for maintenance.



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**Step 9:** Afterwards click on SAVE button. Once it is saved. It is ready for use in maintenance order.



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**Step 10:** Now IB02, change equipment BOM.

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Step 12: Check Header details



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Step 13: Check sub item overview

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## Step 14: Check header details

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## Step 15: Display Equipment

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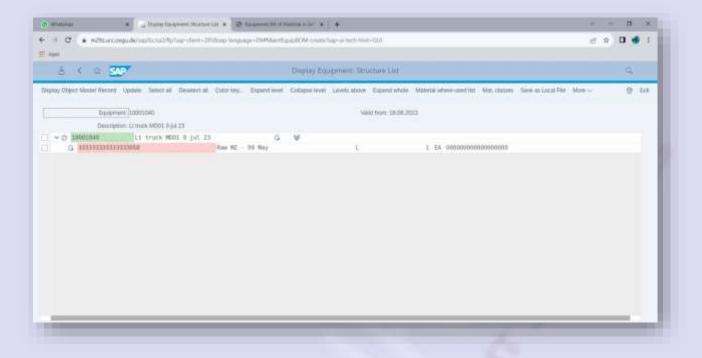


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Step 16: Go to structure list & view structure with BOM

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