



SAP User Manual for Equipment Bill of Material Creation

Indian Ports Association (IPA) Implementation of Port EBS Project Enterprise Business System

Business Process Manual for Equipment Bill of Material Creation

Submitted by:

**Tech
Mahindra**

Plot No. 58 A & B,
Noida Special Economic Zone,
Uttar Pradesh-201305

www.techmahindra.com

Confidential Document

Copyright © 2018 Tech

Mahindra. All rights reserved.

Accepting No Limits

Alternative Thinking

Driving Positive Change



SAP User Manual for Equipment Bill of Material Creation

This document is a desk reference tailored to the Maintenance Specialists. It is intended to provide information that will be helpful to support the Maintenance processes.

Document History:

Authors & Participants	
Role	Name

Revision History			
Date	Document Version	Document Revision Description	Author
01.11.2019	1.0	Initial Draft	



SAP User Manual for Equipment Bill of Material Creation

Reviewed and Approved By			
Name	Title	Date	Approved



SAP User Manual for Equipment Bill of Material Creation

In this chapter we are going to learn about how Master Data transactions will be handled in SAP system. Equipment BOM Master Data Creation is covered in this business process manual document.

Contents

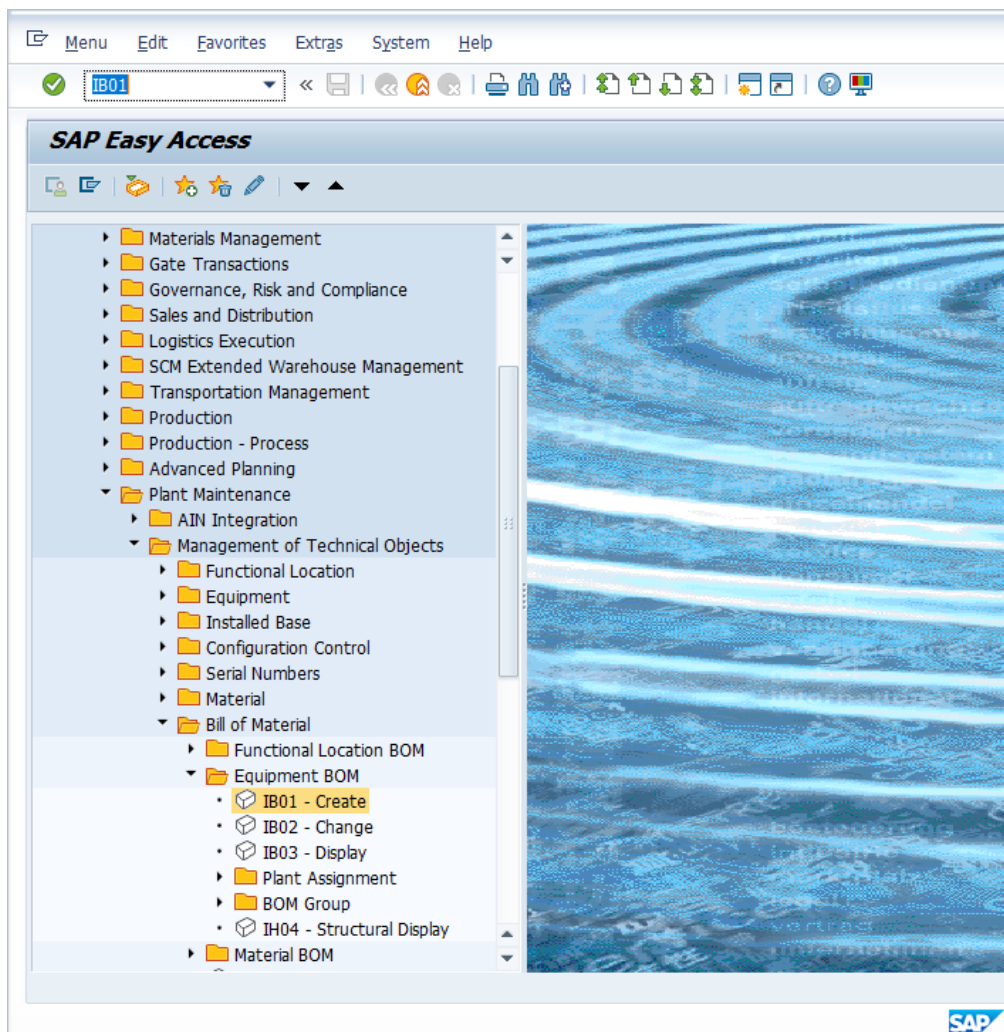
1. 1.Creation of Equipment BOM.....	5
--	----------

SAP User Manual for Equipment Bill of Material Creation

1. Creation of Equipment BOM

The below transaction code which we can use for creation of Equipment

Step 1: Enter Transaction code IB01 in command bar (or) Follow the below navigation path



Confidential Document

Copyright © 2018 Tech

Mahindra. All rights reserved.

Accepting No Limits

Alternative Thinking

Driving Positive Change



SAP User Manual for Equipment Bill of Material Creation

Step 2: Double click on “IB01” the system will open the below screen

In the next screen

The screenshot shows the SAP 'Create equipment BOM: Initial Screen' interface. At the top, there is a menu bar with options: Equipment BOM, Edit, Goto, Extras, Environment, Settings, System, and Help. Below the menu is a toolbar with various icons for navigation and actions. The main area is titled 'Create equipment BOM: Initial Screen' and contains several input fields and checkboxes. The 'Equipment' field is highlighted in yellow and has a magnifying glass icon next to it, with an arrow pointing to it. The 'Plant' field is empty. The 'BOM Usage' checkbox is checked. Below these fields is a 'Validity' section with a 'Change Number' field and a 'Valid From' field containing the date '28.01.2021'. At the bottom of the screen, there are three colored bars: a red bar with 'Accepting No Limits', an orange bar with 'Alternative Thinking', and a grey bar with 'Driving Positive Change'.



SAP User Manual for Equipment Bill of Material Creation

Step3:

Select the Equipment Number, Plant, BOM Usage by Pressing F4 & Press "Enter"

Equipment BOM Edit Goto Extras Environment Settings System Help

Create equipment BOM: Initial

Equipment BOM ... Material BOM ...

Equipment: 10000862
Plant: 1100 Chennai Port Trust
BOM Usage: 4 Plant Maintenance

Validity
Change Number:
Valid From: 28.01.2021

BOM Usage (1) 12 Entries found

Restrictions

	Usage	Prod.	Eng/des.	PM	Spare	CostRel	Sales	Usage text
1	+	-	Production
2	.	.	+	Engineering/Design
3	Universal
4	.	.	.	+	.	.	-	Plant Maintenance
5	+	Sales and Distribution
6	+	.	Costing
7	Empties
8	-	Stability Study
B	+	Sales Bundles (IS-HT-SW)
C	.	.	.	+	.	.	-	Configuration Control
M	External Munitions Display
U	-	IUID Embedded Items

Select 4 for Plant Maintenance



SAP User Manual for Equipment Bill of Material Creation

Step4:

After Pressing “Enter” system will open the below Screen for capturing Equipment BOM Data

Item	Ict	Component	Component description	Quantity	U...	A...	SIs	Valid From	Valid to	Change No.	P...	SortStrng	Item ID	Chg No. To	G..	Fl...	L...
0010							<input type="checkbox"/>										
0020							<input type="checkbox"/>										
0030							<input type="checkbox"/>										
0040							<input type="checkbox"/>										
0050							<input type="checkbox"/>										
0060							<input type="checkbox"/>										
0070							<input type="checkbox"/>										
0080							<input type="checkbox"/>										
0090							<input type="checkbox"/>										
0100							<input type="checkbox"/>										
0110							<input type="checkbox"/>										
0120							<input type="checkbox"/>										
0130							<input type="checkbox"/>										



SAP User Manual for Equipment Bill of Material Creation

Step 5:

Enter below Material Details in BOM Material Selection Screen



SAP User Manual for Equipment Bill of Material Creation

Step 6:

Enter below Details in Material Item category L-Stock Item, N-Non Stock , Material , Quantity in Below Screen

Equipment BOM Edit Goto Extras Environment Settings System Help

Create equipment BOM: General Item Overview

Subitems New Entries Header Details Validity

Equipment: 10000862 GATE 10_CCTV37
Plant: 1100 Chennai Port Trust
Position: Effectivity Initial Screen


Material Document General


Item	ICt	Component	Component description	Quantity	U...	A...	S...	Valid From	Valid to	Change No.	P...	SortS
0010	L	3100000701	POWER CORD	10	EA			28.01.2021	31.12.9999			
0020	L	3100001102	POWER STRIP	12	EA			28.01.2021	31.12.9999			
0030												
0040												
0050												
0060												
0070												
0080												
0090												
0100												
0110												
0120												
0130												

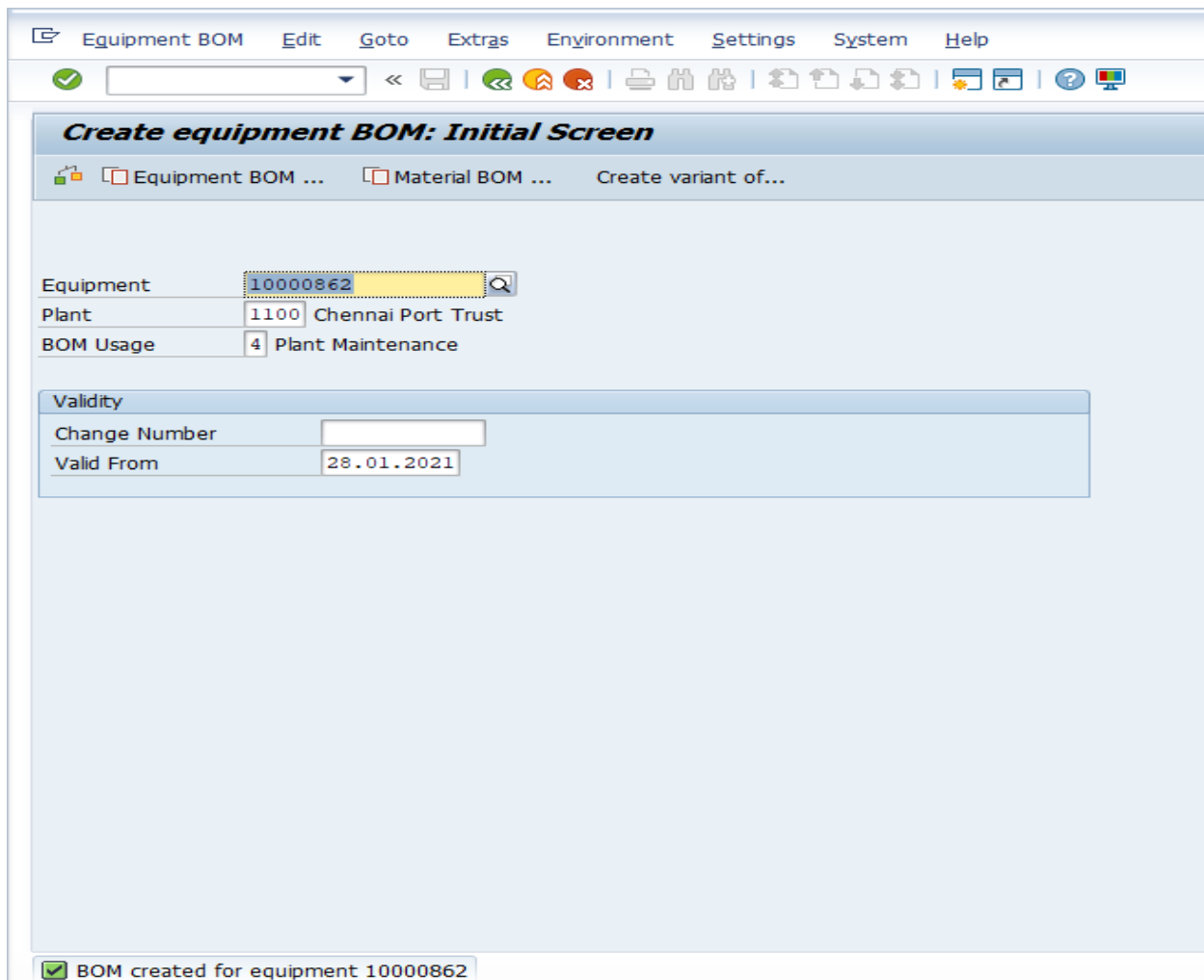


SAP User Manual for Equipment Bill of Material Creation

Step 7:

Once Bill of Material Details Entered click “Save” Icon 

System will show BOM is created “  BOM created for equipment 10000862 ”




The screenshot shows the SAP 'Create equipment BOM: Initial Screen'. The top menu bar includes 'Equipment BOM', 'Edit', 'Goto', 'Extras', 'Environment', 'Settings', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area contains the following fields:

- Equipment: 10000862
- Plant: 1100 Chennai Port Trust
- BOM Usage: 4 Plant Maintenance

A 'Validity' section contains:

- Change Number: [Empty field]
- Valid From: 28.01.2021

At the bottom of the screen, a success message is displayed:  BOM created for equipment 10000862