



# Advanced Inventory Management & Intelligent Stock Reports



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## Advanced Inventory Management & Intelligent Stock Reports:

The procurement process commences by collecting requirements and culminates in the acquisition of goods from vendors. Upon procuring goods from vendors, the next step involves their proper placement within the company's premises, ensuring convenient accessibility for future consumption. This process falls under the realm of inventory management and entails the organized handling and positioning of acquired stock within the company's facilities.

Highlighted below are key aspects to consider with regards to inventory management:

**Management of Stock:** Inventory management pertains to overseeing stock, based on either its value or quantity.

**Comprehensive Management:** This encompasses the planning, recording, and monitoring of all movements of goods.

**Documented Tracking:** Every movement of goods generates a material document, which serves as an update to the inventory, reflecting both the quantity and value of stock.

**Identification:** Material documents are referenced by a unique document number and corresponding year.

When engaging in inventory management, individuals often encounter the following terms:

**Movement Type:** Signifying the category of stock movement.

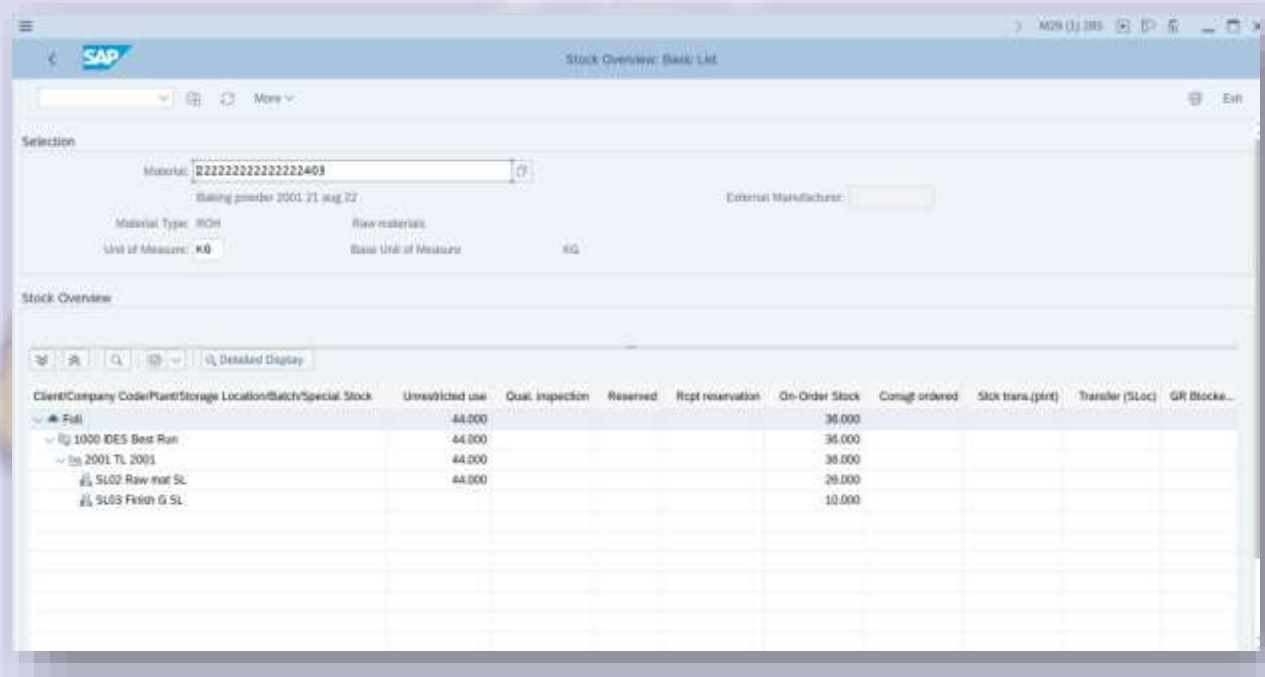
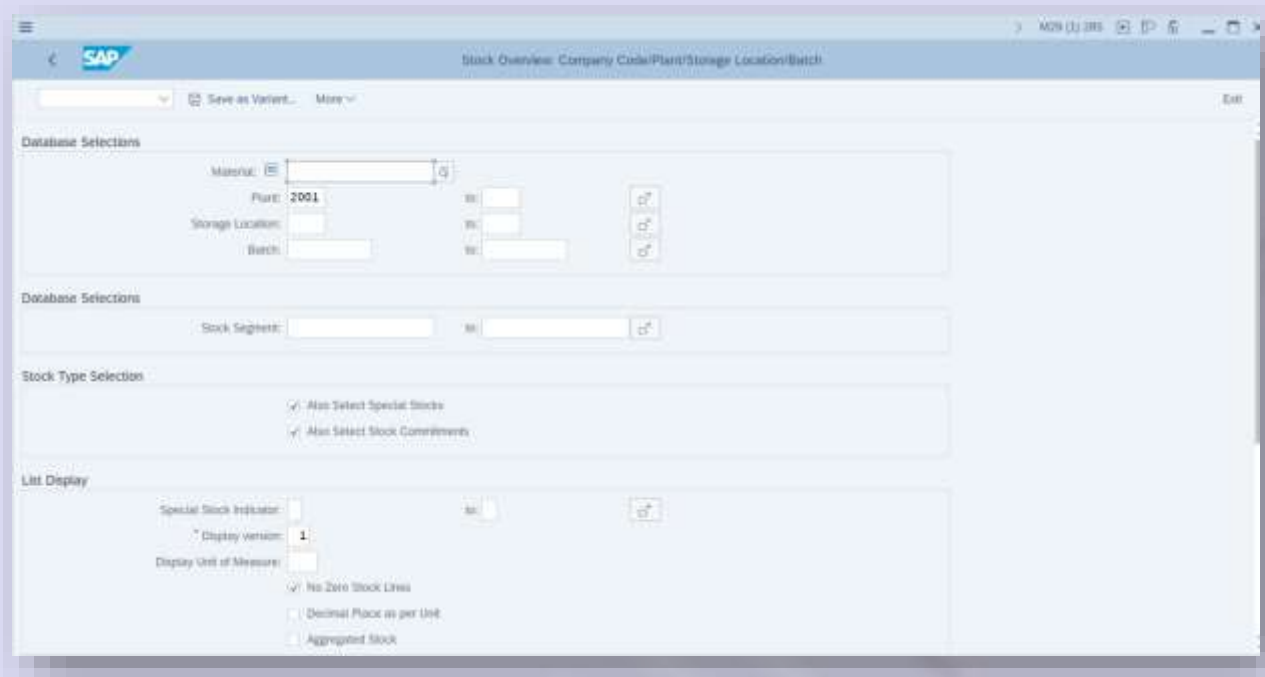
**Goods Receipt:** The formal acknowledgement of receiving goods into the inventory.

**Reservation:** The act of setting aside stock for a specific purpose or future use.

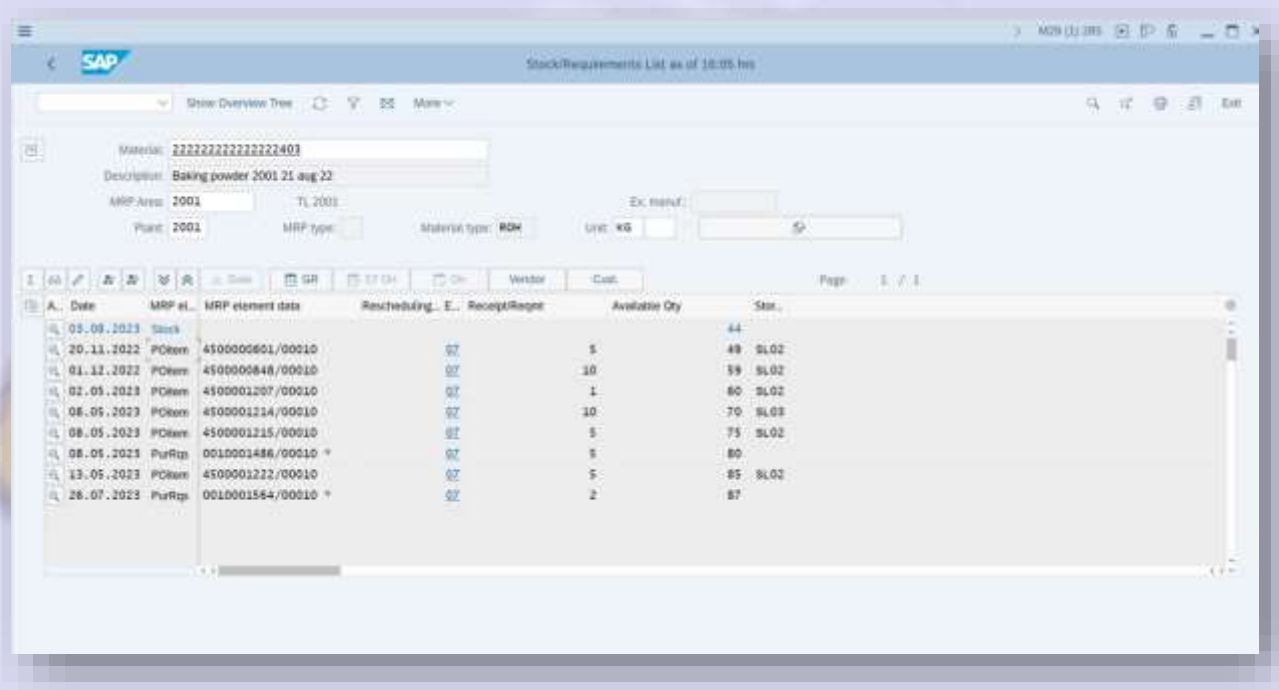
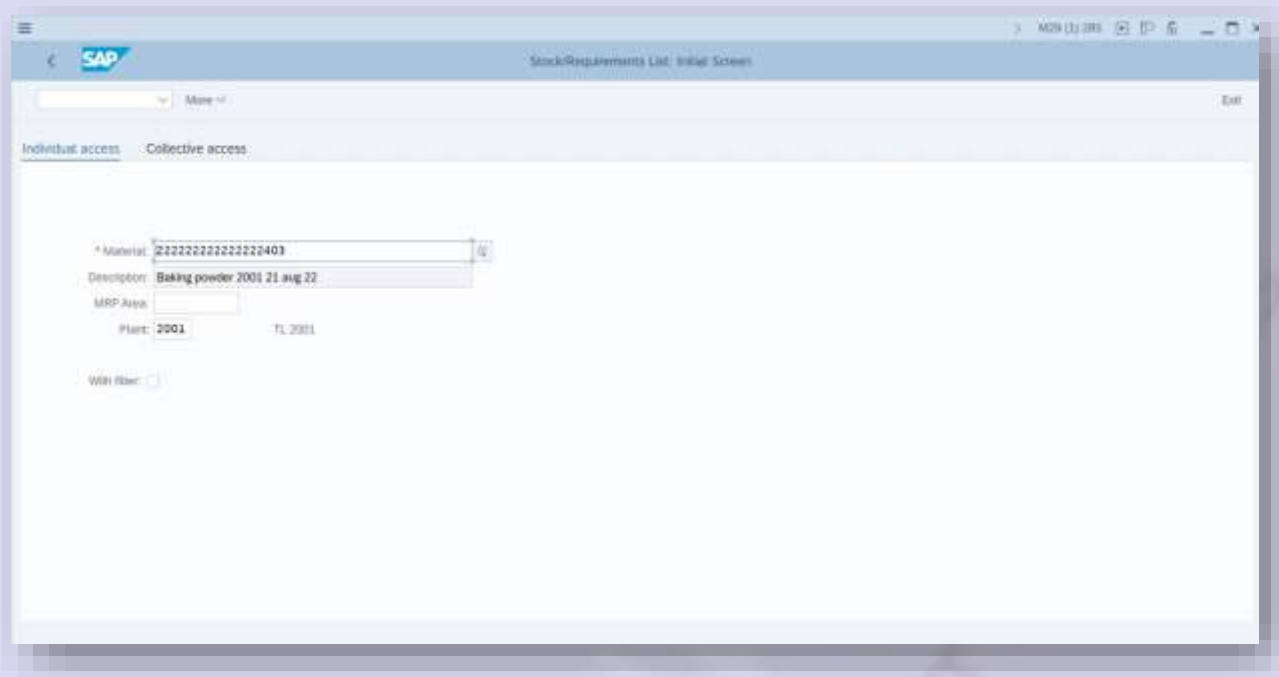
**Goods Issue:** The process of withdrawing stock from inventory for a particular use.

In the SAP system, the MD04 transaction code is utilized to access the materials management (MM) module. It offers a comprehensive view of availability requirements and the stock/requirements list. This report showcases projected procurements to fulfill material supply needs, considering availability for proof of delivery dates. Additionally, the

MMBE transaction provides an overview of stock status.

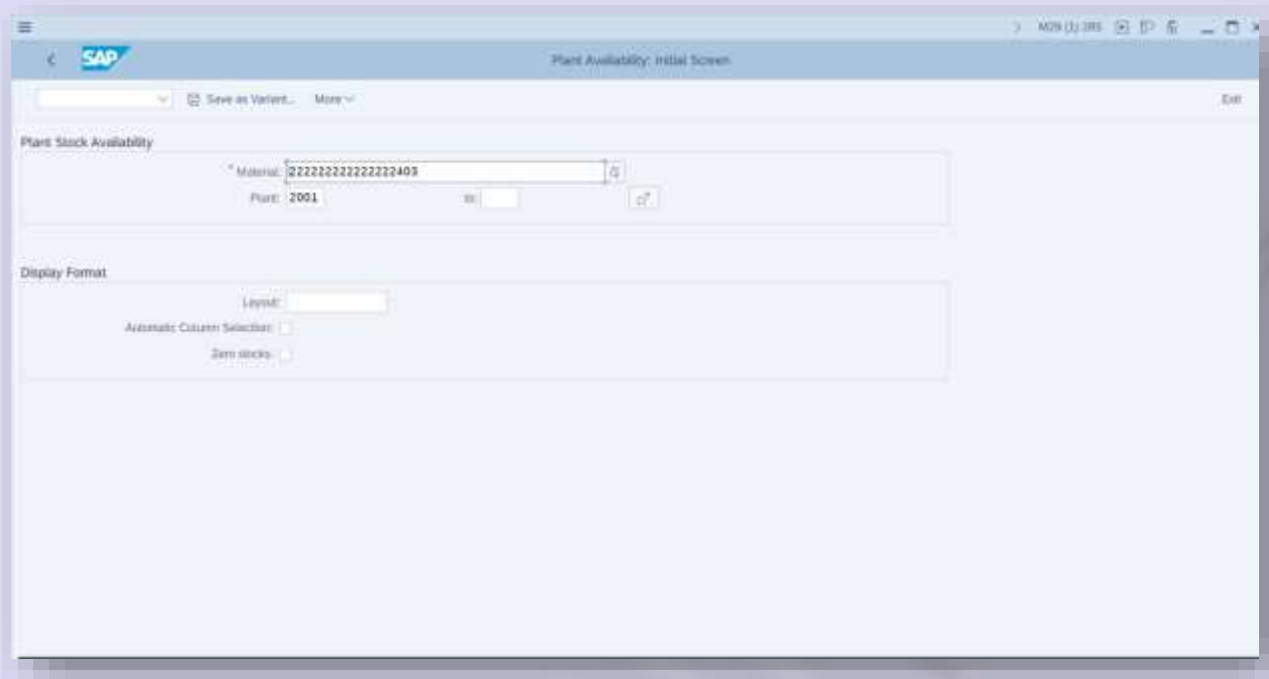


The MD04 T-code in SAP is a transaction code used to view availability requirements and the stock/requirements list in the materials management (MM) module. This report displays proposed procurements for the material's supply requirements and its availability for proof of delivery dates. MD04 - Stock/Requirements List



MB53 is a transaction code in SAP MM application with the description — Display Plant Stock Availability.

## MB53 - Plant Stock Availability

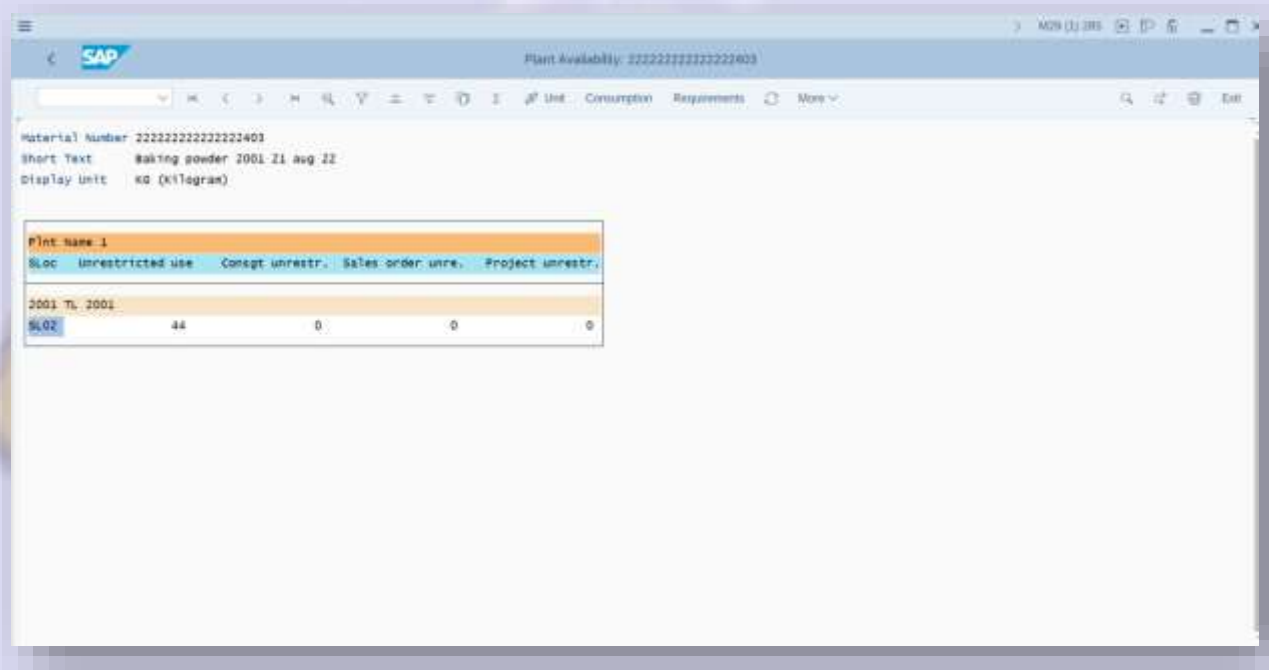


SAP Plant Availability: Initial Screen

Material: 2222222222222403  
 Plant: 2001

Display Format

Layout:   
 Automatic Column Selection:   
 Semistocks:



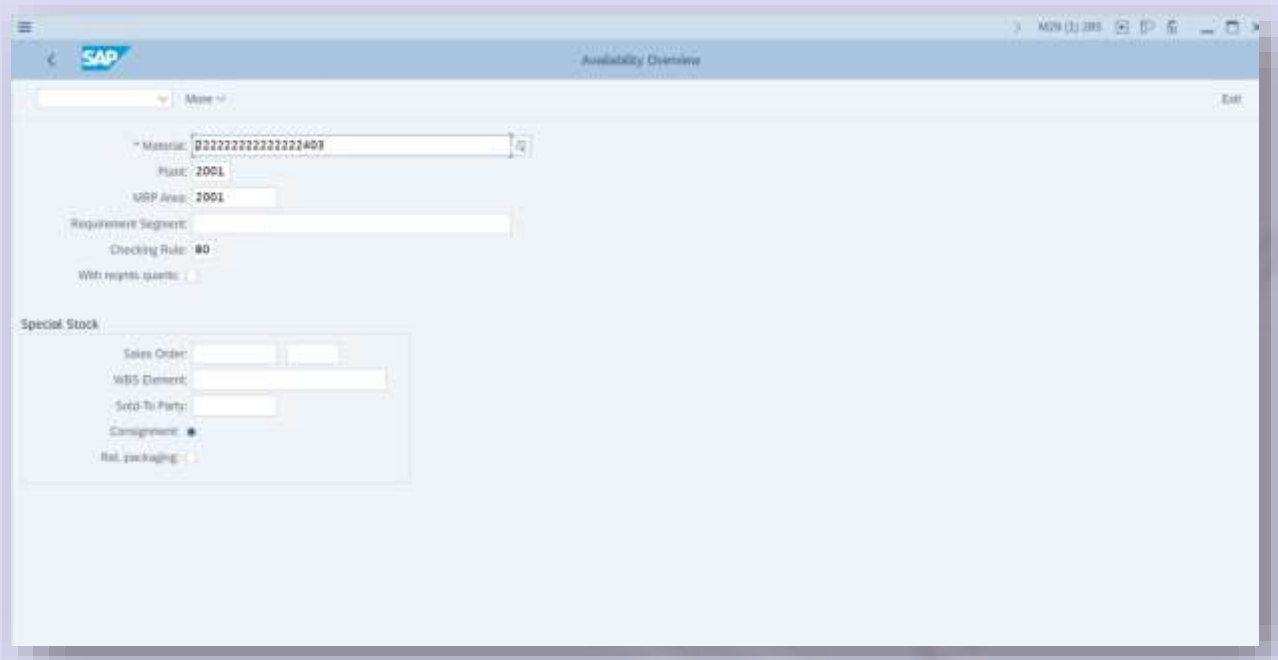
SAP Plant Availability: 2222222222222403

Material Number: 2222222222222403  
 Short Text: Baking powder 2001 Z1 Aug 22  
 Display Unit: KG (kilogram)

Plant name 1				
Sloc	Unrestricted use	Consgrt unrestr.	Sales order unre.	Project unrestr.
2001 TL 2001				
5,02	44	0	0	0

The SAP T-Code CO09 is used for the task : Availability Overview. The T-Code belongs to the ATPG package.

## C009 - Availability Overview

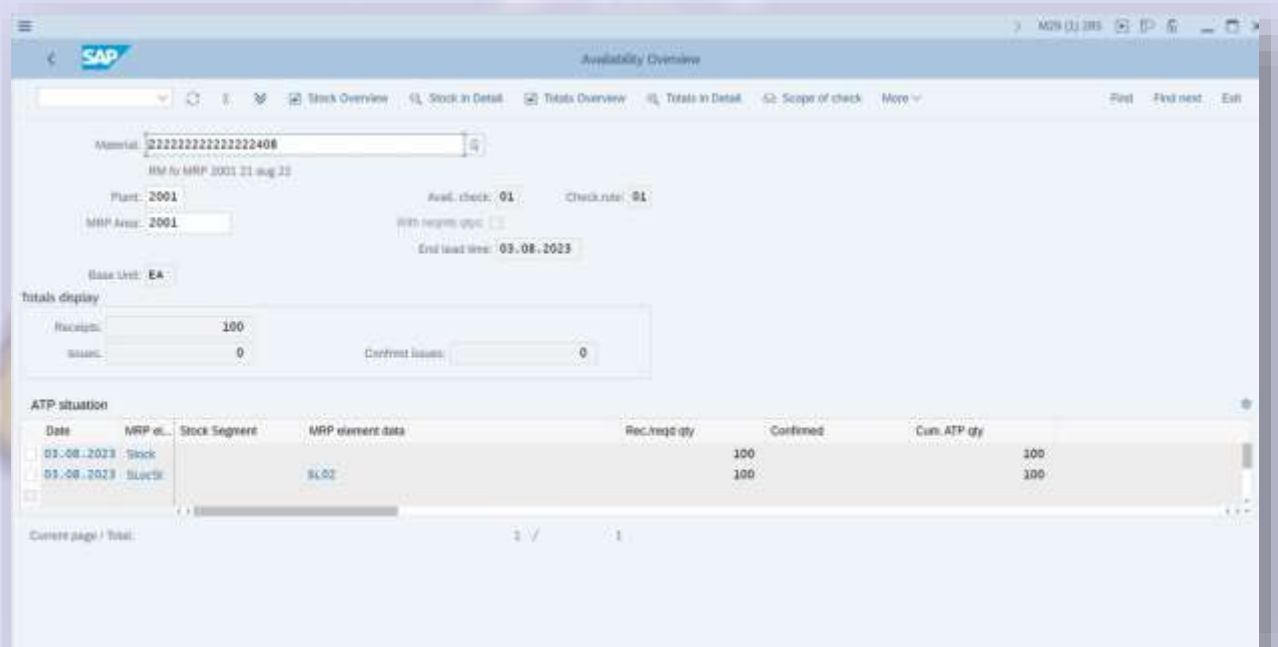


SAP Availability Overview

Material: 2222222222222409  
 Plant: 2001  
 MRP Area: 2001  
 Requirement Segment:  
 Checking Rule: 80  
 With receipts qty:

Special Stock

Sales Order:  
 WBS Element:  
 Sold-To-Party:  
 Consignment:   
 Ret. packaging:



SAP Availability Overview

Material: 2222222222222409  
 RM to MRP 2001 21-Aug-23  
 Plant: 2001  
 MRP Area: 2001  
 Base Unit: EA  
 Avail. check: 01  
 Check rate: 81  
 With receipts qty:   
 End lead time: 03.08.2023

Totals display

Receipts: 100  
 Issues: 0  
 Confirmed Issues: 0

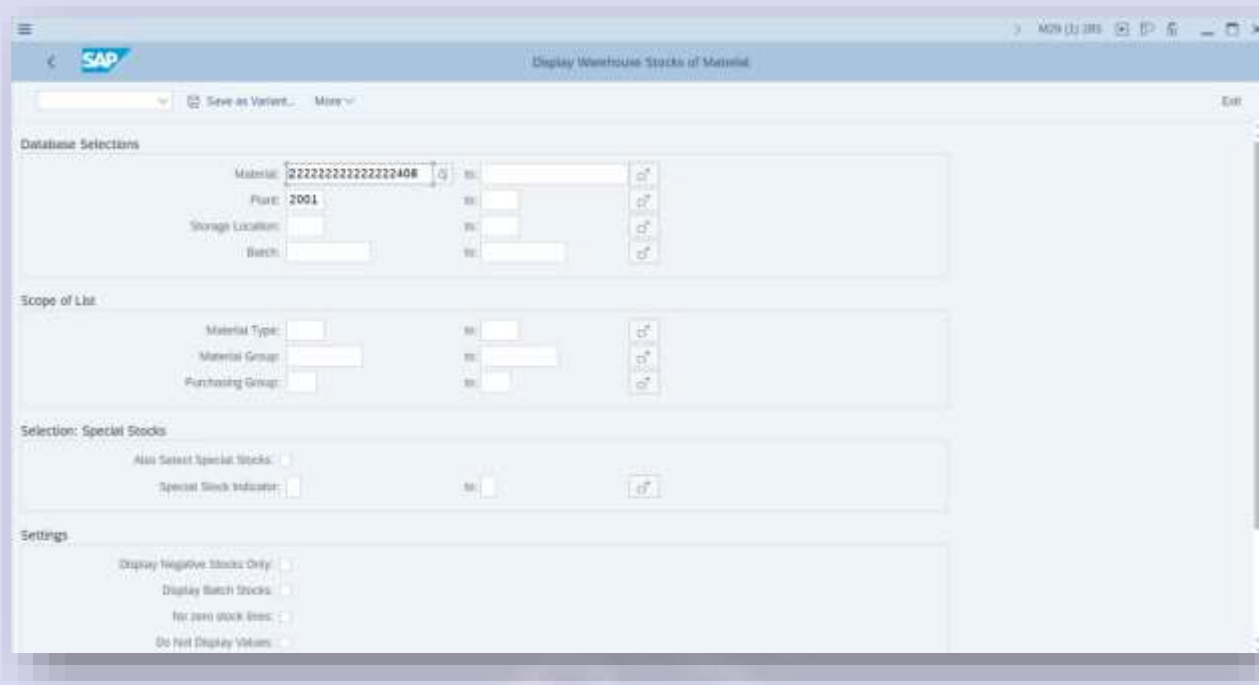
ATP situation

Date	MRP el.	Stock Segment	MRP element data	Rec. receipt qty	Confirmed	Cum. ATP qty
03.08.2023	Stock			100		100
03.08.2023	Stock		SL02	100		100

Current page / Total: 1 / 1

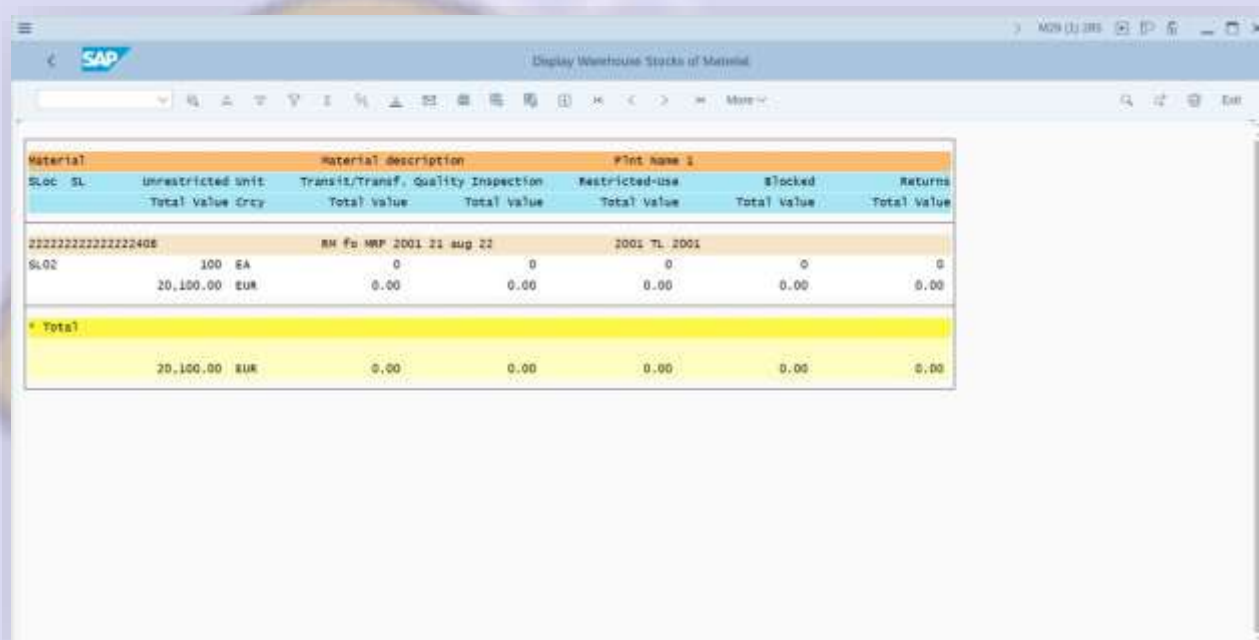
Code MB52 : Display Warehouse stock of Material in Hand. You use this report to display the total stock of a material (quantity and value) at plant and storage location level.

## MB52 - Warehouse Stock



The screenshot shows the SAP MB52 selection screen with the following fields:

- Database Selections:** Material: 2222222222222408, Plant: 2001, Storage Location, Batch.
- Scope of List:** Material Type, Material Group, Purchasing Group.
- Selection: Special Stocks:** Also Select Special Stocks, Special Stock Indicator.
- Settings:** Display Negative Stocks Only, Display Batch Stocks, No zero stock lines, Do not Display Values.



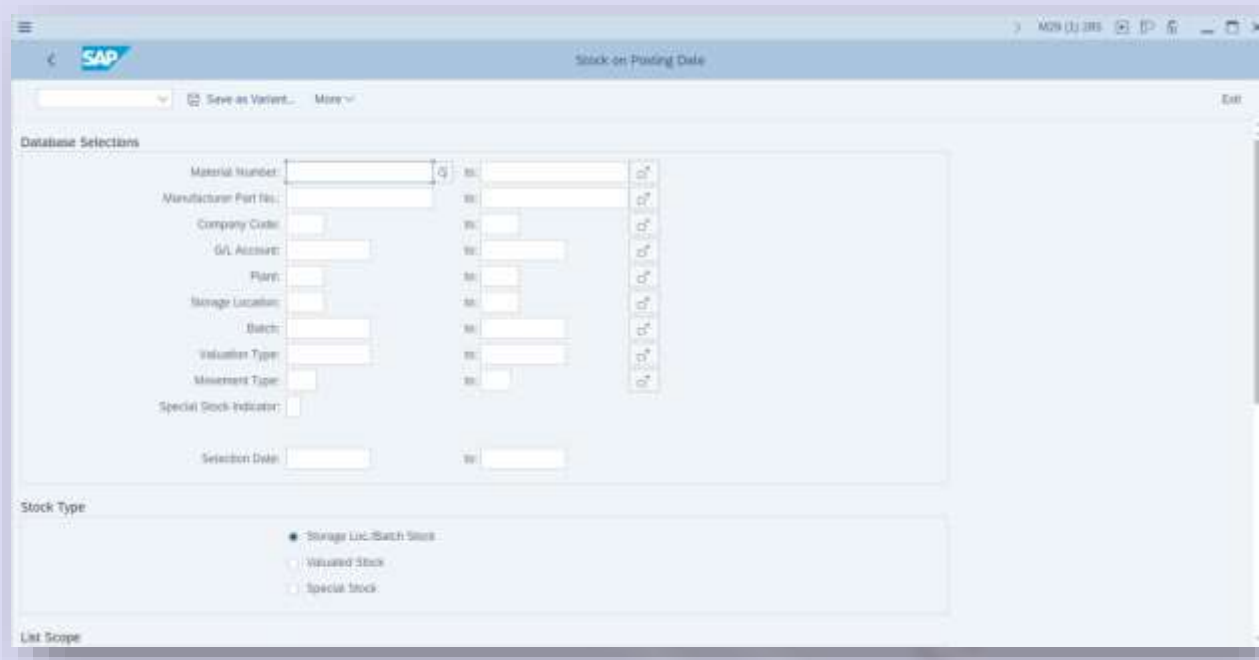
Material	Material description			Plant name 1		
SLOC SL	Unrestricted-Unit	Transit/Transf. Quality Inspection	Restricted-Use	Stocked	Returns	
	Total Value Crcy	Total value	Total value	Total value	Total value	Total Value
2222222222222408						
SLO2	100 EA	0	0	0	0	0
	20,100.00 EUR	0.00	0.00	0.00	0.00	0.00
<b>* Total</b>						
	20,100.00 EUR	0.00	0.00	0.00	0.00	0.00

The SAP TCode MB5M is used for the task : BBD/ Production Date. The TCode belongs to the MB package.





## MB5B - Stock for Posting Date



**Stock on Posting Date**

Save as Variant... More ▾

Database Selections

Material Number:  M  M

Manufacturer Part No.:  M  M

Company Code:  M  M

GL Account:  M  M

Plant:  M  M

Storage Location:  M  M

Batch:  M  M

Valuation Type:  M  M

Movement Type:  M  M

Special Stock Indicator:

Selection Date:  M  M

Stock Type

- Storage Loc./Batch Stock
- Valuated Stock
- Special Stock

List Scope



**Material Stocks Between 01.01.0000 and 31.12.9999**

Plant: 2001 TL 2001  
Material: 209  
Description: Centrifugal Pump \_ Nauman

Stock on 01.01.0000: 0 EA  
Total Receipts: 0 EA  
Total Issues: 0 EA  
Stock on 31.12.9999: 0 EA

SLOC	MVT	MAT. DOC.	Item	Posting Date	Quantity	Unit	Stock Segment
List does not contain any data							

Plant: 2001 TL 2001  
Material: 208  
Description: Impeller for Centrifugal Pump 1

Stock on 01.01.0000: 0 EA  
Total Receipts: 0 EA  
Total Issues: 0 EA  
Stock on 31.12.9999: 0 EA

SLOC	MVT	MAT. DOC.	Item	Posting Date	Quantity	Unit	Stock Segment
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## J3RFLVMOBVEDH - Stock Overview (New)

SAP Stock Overview

Save as Variant... More

Financial Accounting Parameters

Company Code:  Val:

GL Account:  Val:

Posting Date:  Val:

Process Negative Posting:

Material Management Parameters

Plant:  Val:

Storage location:  Val:

Material:  Val:

Batch:  Val:

Layout and Grouping Special Stock Material Parameters

Display As: **Table**

Grid Layout for Totals:

Tree Layout for Totals:

Exclude Empty Lines:

Do Not Load Documents:

SAP Stock overview totals: Table view

Start date: 01.11.2022 End date: 01.11.2022

Material	Valuation Type	Plant	Stor. Lo.	Batch	Sp. Vendor	Customer	Sales order	SO Item
30		M00	PG00					
30		M00	PG00					
42		AW01	SL01					
61		5000	M00					
62		5000	PG00					
62		5000	M00					
63		5022	SL02					
65		AW01	SL01					
66		AW01	SL01					
69		5000	M00					
72		5000	PG00					
73		5000	PG00					
90		AW01	SL01					
103		AW01	SL01		0 125090			
103		AW01	SL01					
105		AW01	SL01		0 125116			
105		AW01	SL01					
106		AW01	SL01					



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