

Summary of reports based on SAP transaction MB51 - Material Documents

MB51 transaction is used to display material documents from MM (Material Management) module. Based on available data we prepared standard analysis and comments. The purpose of this report is to understand and control postings.

No	Report
01	Transaction Type
02	Movement Type (Inventory adjustments, Scrap)
03	Sales: Customers and Materials Deliveries, Reversals, Returns, Samples
04	Purchasing: Suppliers and Materials Base Unit of Measure, Reason for movement, Storage Location Price evolution per Purchase Orders and Schedule Agreements
05	Production: Quantity confirmed for Production Order and Product Cost Collector Timing and User
06	Unique components in BOM's (Bill Of Materials)
07	Raw material cost as a percentage from standard cost

Other reports can be prepared based on customer requirements for multiple Plants.

Plant	1234		
Current Reporting period	1-Jan-2020	to	31-Jan-2020

02 Movement Type (Inventory adjustments, Scrap)

Movement type enables the system to find predefined posting rules determining how the accounts of the financial accounting system (stock and consumption accounts) are to be posted and how the stock fields in the material master record are to be updated. We recommend to monitor specific movements, as an example Inventory adjustments (7**) or scrap that represent a cost.

		January 2020		
Movement Type	Postings	Debit '000 RON	Credit '000 RON	Total
101	Goods receipt (GR) for purchase order (PO)			
102	GR for PO reversal			
122	Return delivery to supplier or to production			
131	Goods receipt for run schedule header			
132	Goods receipt for run schedule header reversal			
161	Return for purchase order			
162	Return for purchase order reversal			
201	Goods Issue (GI) for a cost center			
202	Goods Issue (GI) for a cost center reversal			
261	Goods Issue for an order			
262	Goods Issue for an order reversal			
281	Goods issue for a network			
282	Goods issue for a network reversal			
311	Transfer posting storage location to storage location			
312	TR transfer in plant			
321	TF quality to unrestricted			
325	Transfer - blocked stock			
343	TF blocked to unrestricted			
344	TR blocked to unrestricted			
350	TR blocked to QI			
411	Transfer posting of special stocks E, K, and Q to company's own stock			
412	TR SLoc to SLoc			
501	501 Goods receipt without purchase order			
511	Free-of-charge delivery from vendor			
512	RE delivery w/o charge			
541	GI warehouse to subcontractor stock			
542	GI warehouse to subcontractor stock reversal			
543	GI subcon customer stock			
551	GI scrapping			
552	RE scrapping			
601	Goods issue for delivery (Shipping)			
602	Goods issue for delivery (Shipping) reversal			
603	Goods issue for stock transport order (Shipping) with additional item			
641	Goods issue for a stock transport order (Shipping)			
653	Returns from customer (Shipping) to unrestricted-use stock			
654	Returns from customer (Shipping) to unrestricted-use stock reversal			
701	Inventory differences in unrestricted-use stock (MM-IM)			
711	Inventory differences in unrestricted-use stock (LE-WM)			
712	GR Inventory Difference warehouse			
717	GI Inventory Difference blocked			
Total				

03 Sales: Customers and Materials

Sales indicators for Finished Goods are defined to evaluate monthly results and to control data. Other analysis can be implemented to provide an overview and to support decision making process.

		Month (Posting Date)												
No	Sales Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
01	Customers													
02	Materials													
03	Deliveries													
04	Reversals													
05	Returns													
06	Samples													

Sales in quantity (pieces) and local currency (RON) are presented per Customer and Material. Data can be consolidated to provide top down approach, as an example to split materials per projects.

		January 2020		
Customer	Material	Quantity	Amounts	Price per Unit
Customer 01	111.22	800 PC	1,200 K RON	1.5 RON
Customer 01	222.33	1,500 PC	2,000 K RON	1.3 RON

04 Purchasing: Suppliers and Materials

These analysis are used to report master data and to understand purchasing volumes.

No	KPI Purchasing	Month (Posting Date)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
01	Suppliers													
02	Materials													
03	Goods receipt													
04	Reversals													
05	Receipt w/o PO													
06	Returns													
07	Samples													

January 2020		Movement 101 - Goods receipt				Movement 102 - GR for PO reversal			Movement 101 - Goods receipt		
Base Unit of Measure		Postings	Quantity	Amounts	Weight	Reason for movement	Postings		Storage Location	Postings	
G	Gram					01	Damaged	1000	Central Warehouse		
KG	Kilogram					02	Incompletely	1100	External Warehouse		
L	Liter					03	Internal correction	1200	Laboratory		
M	Meter					04	No delivery	1300	Packaging		
MM	Millimeter					05	Too early supplied	1400	Samples		
PC	Piece					06	Too much supplied	1500	Temporary deposit		
SET	Set					07	Wrong delivery	1600	Unfinished production		
	Total						Total		Total		

For controlling of costs we compare prices per Purchase Orders (PO) and Schedule Agreements (SA).

No	Material	Purchasing Doc	Quantity	Amounts	Price
01		456.79 40000000			
		456.79 50000000			

