Movement Type and GL Account Determination

Any report to show which account with what movement type? As we have too many movement type with different account, we want to download it from system and check.

By: Roger

In transaction OMWB (it require to input material no.), go to the simulation mode, then in menu Simulation --> Go to Report. There, you can give the plants, valuation classes and movement types and execute the report. Then you can download it to excel and analyze.

or

In the initial screen input the plant, material number and movement type and then go to simulation --> report. It will take you to simulation of automatic account assignments: Inventory Management which is independent of materials and there you can get the desired report.

Account no. with movement type

Different materials will use different accounts during movement. This is defined by the Valuation Class the material is assigned to. Also, movement definition also differs with the type of movement, i.e., a consumption on a production order has a different movement than a consumption on a sales order. These movements are therefore linked to Transaction/Event Keys, which are the accounting reflection of the movement.

Call transaction OMWN, Account Grouping for Movement Types. This table will provide you with the Transaction/Event Keys for the movement. Within a movement type, these will differ based on the movement, consumption type, etc. The tables behind this are T156X and T156W.

With this Transaction Key information, read the table T030 (OBYC) using the Val Class and the Chart of Accounts to get the GL Accounts.

How to find out how G/L account is determined with respect to movement type for various material types?

G/L a/c is decided not only by Movement type, but also material master/plant/type of transaction (transaction key). Movement type in OMJJ is contains transaction key / Account modifier which is the link for GL a/c.
In material master we maintain valuation class. Hence when we do let us say GR for Purchase order (101), the G/L account is decided as below:

Let us say movement type 101

Account modifier = space

Check in OBYC

As you are aware for any transaction there will be +ve and -V entry in GL a/c

Which a/c has to be -ve and which has to be + is decided by posting key depending on transaction. Hence When we do GR...Stock a/c will be +, GR/IR will be -Ve and any price difference(if price control is -S) will be posted to price difference account.

Inventory posting is done through BSX

Price difference will goto PRD

GR/IR will goto WRX

In OBYC, check the transaction BSX, for a given Chart of A/c, for a given valuation modifier(it is nothing but plant grouping) and valuation class, you can see the G/L account. This data is available in table T030

You can see the posting key for debit and cr. That means when we do 101, then Stock will be credited and that posting key is used, if you do reverse GR-102, then same stock a/c will get debited with that posting key

For the transaction PRD, you will get addition to the above, one more column General modifier, this is nothing but the account modifier in OMJJ for that movement type, i.e. Same transaction i.e. GR, if i define a different account modifier, I can change the G/L account so that new movement type PRD (variance) can be collected at different G/L account.

Like that WRX, in which it is maintained at client level no a/c modifier, no valuation class etc...that means GR/IR account determination will not depend on movement type/material/plant etc.
MM-Fi Integration

IMPORTANT SAP NOTES ON CONFIGURATION OF MM-Fi ACCOUNT DETERMINATION & AUTOMATIC POSTINGS

What are automatic postings?

Postings are made to G/L accounts automatically in the case of Invoice Verification and Inventory Management transactions relevant to Financial and Cost Accounting.

Example:
Posting lines are created in the following accounts in the case of a goods issue for a cost center:

Stock account, Consumption account

How does the system find the relevant accounts?

When entering the goods movement, the user does not have to enter a G/L account, since the R/3 System automatically finds the accounts to which postings are to be made using the following data:

Chart of accounts of the company code

If the user enters a company code or a plant when entering a transaction, the R/3 System determines the chart of accounts which is valid for the company code.
You must define the automatic account determination individually for each chart of accounts.

Valuation grouping code for the valuation area

If the automatic account determination within a chart of accounts is to run differently for certain company codes or plants (valuation areas), assign different valuation grouping codes to these valuation areas.

You must define the automatic account determination individually for every valuation grouping code within a chart of accounts. It applies to all valuation areas which are assigned to this valuation grouping code.

If the user enters a company code or a plant when entering a transaction, the system determines the valuation area and the valuation grouping code.

Transaction/event key (internal processing key)

Posting transactions are predefined for those inventory management and invoice verification transactions relevant to accounting. Posting records, which are generalized in the value string, are assigned to each relevant movement type in inventory management and each transaction in invoice verification. These contain keys for the relevant posting transaction (for example, inventory posting and consumption posting) instead of actual G/L account numbers. You do not have to define these transaction keys, they are determined automatically from the transaction (invoice verification) or the movement type (inventory management). All you have to do is assign the relevant G/L account to each posting transaction.

Account grouping (only for offsetting entries, consignment liabilities, and price differences)

Since the posting transaction "Offsetting entry for inventory posting" is used for different transactions (for example, goods issue, scrapping, physical inventory), which are assigned to different accounts (for example, consumption account, scrapping,
expense/income from inventory differences), it is necessary to divide the posting transaction according to a further key: account grouping code.

An account grouping is assigned to each movement type in inventory management which uses the posting transaction “Offsetting entry for inventory posting”.

Under the posting transaction “Offsetting entry for inventory posting”, you must assign G/L accounts for every account grouping, that is, assign G/L accounts.

If you wish to post price differences to different price difference accounts in the case of goods receipts for purchase orders, goods receipts for orders, or other movements, you can define different account grouping codes for the transaction key.

Using the account grouping, you can also have different accounts for consignment liabilities and pipeline liabilities.

**Valuation class of material or (in case of split valuation) the valuation type**

The valuation class allows you to define automatic account determination that is dependent on the material. For example: you post a goods receipt of a raw material to a different stock account than if the goods receipt were for trading goods, even though the user enters the same transaction for both materials. You can achieve this by assigning different valuation classes to the materials and by assigning different G/L accounts to the posting transaction for every valuation class.

If you do not want to differentiate according to valuation classes you do not have to maintain a valuation class for a transaction.

**Requirements**

Before you maintain automatic postings, you must obtain the following information:

1. **Valuation level (plant or company code)**
   Establish whether the materials are valuated at plant or at company code level
   When valuation is at plant level, the valuation area corresponds to a plant. When valuation is at company code level, the valuation area corresponds to a company code.

2. **Chart of accounts and valuation grouping code per valuation area**
   Find out whether the valuation grouping code is active.
   **Activate split valuation**
   If it is not active, determine the chart of accounts assigned to each valuation area (via the company code). If it is active, determine the chart of accounts and the valuation grouping code assigned to each valuation area. Group valuation areas

   You must define a separate account determination process for chart of accounts and each valuation grouping code.

3. **Valuation class per material type**

   If you wish to differentiate the account determination process for specific transactions according to valuation classes, find out which valuation classes are possible for each material type **Define valuation class**

4. **Account grouping for offsetting entries to stock accounts**

   Under Define account grouping for movement types, determine for which movement types an account grouping is defined for the transaction/event keys GGB (offsetting entry to stock posting), KON (consignment liabilities) and PRD (price differences).
Activities

1. Create account keys for each chart of accounts and each valuation grouping code for the individual posting transactions. To do so, proceed as follows:

   a) Call up the activity Configure Automatic Postings.

      The R/3 system first checks whether the valuation areas are correctly maintained. If, for example, a plant is not assigned to a company code, a dialog box and an error message appear. From this box, choose Continue (next entry) to continue the check.

      Choose Cancel to end the check.

      The configuration menu Automatic postings appears.

   b) Choose Goto -> Account assignment.

      A list of posting transactions in Materials Management appears.
      For further details of the individual transactions, see Further information.
      The Account determination indicator shows whether automatic account determination is defined for a transaction.

   c) Choose a posting transaction.

      A box appears for the first posting transaction. Here you can enter a chart of accounts

You can enter the following data for each transaction:

- Rules for account number assignments
  With Goto -> Rules you can enter the factors on which the account number assignments depend:
  - debit/credit indicator
  - general grouping (= account grouping)
  - valuation grouping
  - valuation class

- Posting keys for the posting lines
  Normally you do not have to change the posting keys. If you wish to use new posting keys, you have to define them in the Customizing system of Financial Accounting.

- Account number assignments
  You must assign G/L accounts for each transaction/event key (except KBS). You can assign these accounts manually or copy them from another chart of accounts via Edit -> Copy.
  If you want to differentiate posting transactions (e.g. inventory postings) according to valuation classes, you must make an account assignment for each valuation class.
  Using the posting transaction "Offsetting entry for inventory posting", you have to make an account assignment for each account grouping

If the transaction PRD (price differences) is also dependent on the account grouping, you must create three account assignments:
- an account assignment without account grouping
- an account assignment with account grouping PRF
- an account assignment with account grouping PRA

If the transaction KON (consignment and pipeline liabilities) is
also dependent on the account grouping, you must create two account assignments:
- an account assignment without account grouping (consignment)
- an account assignment with account grouping (pipeline)

d) Save your settings.

Then check your settings with the simulation function.
With the simulation function, you can simulate the following:

- Inventory Management transactions

- Invoice Verification transactions

When you enter a material or valuation class, the R/3 system determines the G/L accounts which are assigned to the corresponding posting transactions. Depending on the configuration, the SAP system checks whether the G/L account exists.

In the simulation you can compare the field selection of the movement type with that of the individual accounts and make any corrections.
If you want to print the simulation, choose Simulation -> Report.
To carry out the simulation, proceed as follows:

a) Choose Settings to check the simulation defaults for
   - the application area (Invoice Verification or Inventory Management)
   - the input mode (material or valuation class)
   - account assignment

Instructions

b) Choose Goto -> Simulation.
The screen for entering simulation data appears.

c) Depending on the valuation level, enter a plant or a company code on the screen.

d) When you simulate Inventory Management transactions, goods movements are simulated. The R/3 system suggests the first movement type for simulation. If several movements are possible with this movement type, you can select a line.
   When you simulate Invoice Verification transactions, a list appears on the screen of the possible transaction types. Select a line.

e) Then choose Goto -> Account assignments.
   A list appears of the posting lines which can be created by the selected transaction. For each posting line, the G/L account for the debit posting as well as the G/L account for the credit posting are displayed.

f) From this screen, choose Goto -> Movement+ to get a list of the posting lines for the next movement type or transaction type.
   If you work with valuation classes, choose Goto -> Valuation class+ to receive the simulation for the next valuation class.
   This function is not possible when simulating with material numbers.
   Choose Goto -> Check screen layout to compare the movement type with the G/L accounts determined by the system and make any necessary corrections.

Further Notes
- **Expense/revenue from consumption of consignment material (ARO)**

  This transaction is used in Inventory Management in the case of withdrawals from consignment stock or when consignment stock is transferred to own stock if the material is subject to standard price control and the consignment price differs from the standard price.

- **Expenditure/income from transfer posting (AUM)**

  This transaction is used for transfer postings from one material to another if the complete value of the issuing material cannot be posted to the value of the receiving material. This applies both to materials with standard price control and to materials with moving average price control. Price differences can arise for materials with moving average price if stock levels are negative and the stock value becomes unrealistic as a result of the posting. Transaction AUM can be used irrespective of whether the transfer posting involves a transfer between plants. The expenditure/income is added to the receiving material.

- **Provisions for subsequent (end-of-period rebate) settlement (BO1)**

  If you use the "subsequent settlement" function with regard to conditions (e.g. for period-end volume-based rebates), provisions for accrued income are set up when goods receipts are recorded against purchase orders if this is defined for the condition type.

- **Income from subsequent settlement (BO2)**

  The rebate income generated in the course of "subsequent settlement" (end-of-period rebate settlement) is posted via this transaction.

- **Income from subsequent settlement after actual settlement (BO3)**

  If a goods receipt occurs after settlement accounting has been effected for a rebate arrangement, no further provisions for accrued rebate income can be managed by the "subsequent settlement" facility. No postings should be made to the account normally used for such provisions. As an alternative, you can use this transaction to post provisions for accrued rebate income to a separate account in cases such as the one described.

- **Change in stock (BSV)**

  Changes in stocks are posted in Inventory Management at the time goods receipts are recorded or subsequent adjustments made with regard to subcontract orders.

  If the account assigned here is defined as a cost element, you must specify a preliminary account assignment for the account in the table of automatic account assignment specification (Customizing for Controlling) in order to be able to post goods receipts against subcontract orders. In the standard system, cost center SC-1 is defined for this purpose.

- **Stock posting (BSX)**
This transaction is used for all postings to stock accounts. Such postings are effected, for example:

- In inventory management in the case of goods receipts to own stock and goods issues from own stock
- In invoice verification, if price differences occur in connection with incoming invoices for materials valuated at moving average price and there is adequate stock coverage
- In order settlement, if the order is assigned to a material with moving average price and the actual costs at the time of settlement vary from the actual costs at the time of goods receipt

Because this transaction is dependent on the valuation class, it is possible to manage materials with different valuation classes in separate stock accounts.

Caution:

Take care to ensure that:

- A stock account is not used for any transaction other than BSX
- Postings are not made to the account manually
- The account is not changed in the productive system before all stock has been booked out of it

Otherwise differences would arise between the total stock value of the material master records and the balance on the stock account.

**Revaluation of "other" consumptions (COC)**

This transaction/event key is only relevant to Brazil. It is used if a revaluation report is used for company codes in Brazil. The revaluation report uses the actual prices determined by the material ledger/actual costing to:

- Revaluate costs on the basis of actual prices
- Post the price differences arising from "other" consumptions (e.g. consumption to cost center) to a collective account

This transaction/event key is needed to post the price differences. The account specified here is posted with the price differences for "other" consumptions.

**Small differences, Materials Management (DIF)**

This transaction is used in Invoice Verification if you define a tolerance for minor differences and the balance of an invoice does not exceed the tolerance.

**Purchase account(EIN), purchase offsetting account (EKG), freight purchase account (FRE)**
These transactions are used only if Purchase Account Management is active in the company code.

Freight clearing (FR1), provision for freight charges (FR2), customs duty clearing (FR3), provision for customs duty (FR4)
These transactions are used to post delivery costs (incidental procurement costs) in the case of goods receipts against purchase orders and incoming invoices. Which transaction is used for which delivery costs depends on the condition types defined in the purchase order.
You can also enter your own transactions for delivery costs in condition types.

External service (FRL)
The transaction is used for goods and invoice receipts in connection with subcontract orders.
If the account assigned here is defined as a cost element, you must specify a preliminary account assignment for the account in the table of automatic account assignment specification (Customizing for Controlling) in order to be able to post goods receipts against subcontract orders. In the standard system, cost center SC-1 is defined for this purpose.

External service, delivery costs (FRN)
This transaction is used for delivery costs (incidental costs of procurement) in connection with subcontract orders.
If the account assigned here is defined as a cost element, you must

Offsetting entry for stock posting (GBB)
Offsetting entries for stock postings are used in Inventory Management. They are dependent on the account grouping to which each movement type is assigned. The following account groupings are defined in the standard system:

- AUA: for order settlement
- AUF: for goods receipts for orders (without account assignment)
  and for order settlement if AUA is not maintained
- AUI: Subsequent adjustment of actual price from cost center directly to material (with account assignment)
- BSA: for initial entry of stock balances
- INV: for expenditure/income from inventory differences
- VAX: for goods issues for sales orders without account assignment object (the account is not a cost element)
- VAY: for goods issues for sales orders with account assignment object (account is a cost element)
- VBO: for consumption from stock of material provided to vendor
- VBR: for internal goods issues (for example, for cost center)
- VKA: for sales order account assignment
  (for example, for individual purchase order)
- VKP: for project account assignment (for example, for individual PO)
- VNG: for scrapping/destruction
- VQP: for sample withdrawals without account assignment
- VQY: for sample withdrawals with account assignment
- ZOB: for goods receipts without purchase orders (mvt type 501)
- ZOF: for goods receipts without production orders
  (mvt types 521 and 531)

You can also define your own account groupings. If you intend to post goods issues for cost centers (mvt type 201) and goods issues for orders (mvt type 261) to separate consumption accounts, you can assign the account grouping ZZZ to movement type 201 and account grouping YYY to movement type 261.

Caution

If you use goods receipts without a purchase order in your system (movement type 501), you have to check to which accounts the account groupings are assigned ZOB. If you expect invoices for the goods receipts, and these invoices can only be posted in Accounting, you can enter a clearing account similar to a GR/IR clearing account though without open item management, which is cleared in Accounting when you post the vendor invoice. Note that the goods movement is valuated with the valuation price of the material if no external amount has been entered. As no account assignment has been entered in the standard system, the assigned account is not defined as a cost element. If you assign a cost element, you have to enter an account assignment via the field selection or maintain an automatic account assignment for the cost element.

Purchase order with account assignment (KBS)

You cannot assign this transaction/event key to an account. It means that the account assignment is adopted from the purchase order and is used for the purpose of determining the posting keys for the goods receipt.

Exchange rate differences in the case of open items (KDM)

Exchange rate differences in the case of open items arise when an invoice relating to a purchase order is posted with a different exchange rate to that of the goods receipt and the material cannot be debited or credited due to standard price control or stock undercoverage/shortage.

Differences due to exchange rate rounding, Materials Management
An exchange rate rounding difference can arise in the case of an invoice made out in a foreign currency. If a difference arises when the posting lines are translated into local currency (as a result of rounding), the system automatically generates a posting line for this rounding difference.

**Consignment liabilities (KON)**

Consignment liabilities arise in the case of withdrawals from consignment stock or from a pipeline or when consignment stock is transferred to own stock.

Depending on the settings for the posting rules for the transaction/event key KON, it is possible to work with or without account modification. If you work with account modification, the following modifications are available in the standard system:

- None for consignment liabilities
- PIP for pipeline liabilities

**Offsetting entry for price differences in cost object hierarchies (KTR)**

The contra entry for price difference postings (transaction PRK) arising through settlement via material account determination is carried out with transaction KTR.

**Price differences (PRD)**

Price differences arise for materials valuated at standard price in the case of all movements and invoices with a value that differs from the standard price. Examples: goods receipts against purchase orders (if the PO price differs from the standard price), goods issues in respect of which an external amount is entered, invoices (if the invoice price differs from the PO price and the standard price).

Price differences can also arise in the case of materials with moving average price if there is not enough stock to cover the invoiced quantity. In the case of goods movements in the negative range, the moving average price is not changed. Instead, any price differences arising are posted to a price difference account.

Depending on the settings for the posting rules for transaction/event key PRD, it is possible to work with or without account modification. If you use account modification, the following modifications are available in the standard system:

- None for goods and invoice receipts against purchase orders
- PRF for goods receipts against production orders and order settlement
- PRA for goods issues and other movements
- PRU for transfer postings (price differences in the case of external amounts)

** Provision for delivery costs (RUE)**
Provisions are created for accrued delivery costs if a condition type for provisions is entered in the purchase order. They must be cleared manually at the time of invoice verification.

**Taxes in case of transfer posting GI/GR (TXO)**

This transaction/event key is only relevant to Brazil (nota fiscal).

**Revenue/expense from revaluation (UMB)**

This transaction/event key is used both in Inventory Management and in Invoice Verification if the standard price of a material has been changed and a movement or an invoice is posted to the previous period (at the previous price).

**Unplanned delivery costs (UPF)**

Unplanned delivery costs are delivery costs (incidental procurement costs) that were not planned in a purchase order (e.g. freight, customs duty). In the SAP posting transaction in Logistics Invoice Verification, instead of distributing these unplanned delivery costs among all invoice items as hitherto, you have the option of posting them to a special account. A separate tax code can be used for this account.

**Input tax, Purchasing (VST)**

Transaction/event key for tax account determination within the "subsequent settlement" facility for debit-side settlement types. The key is needed in the settlement schema for tax conditions.

**Goods issue, revaluation (inflation) (WGI)**

This transaction/event key is used if already-posted goods issues have to be revaluated following the determination of a new market price within the framework of inflation handling.

**Goods receipt, revaluation (inflation) (WGR)**

This transaction/event key is used if already-effected transfer postings have to be revaluated following the determination of a new market price within the framework of inflation handling. This transaction is used for the receiving plant, whereas transaction WGI (goods receipt, revaluation (inflation)) is used for the plant at which the goods are issued.

**GR/IR clearing (WRX)**

Postings to the GR/IR clearing account occur in the case of goods and invoice receipts against purchase orders. For more on the GR/IR clearing account, refer to the SAP Library (documentation MM Material Valuation).

**Caution**

You must set the Balances in local currency only indicator for the GR/IR clearing account to enable the open items to be cleared. For more on this topic, see the field documentation.

**Path**

IMG (Implementation Guide) → Materials Management → Valuation And Account Assignment → Account Determination → Account Determination without wizard → Configure Automatic Postings
**Define Accounts for Materials Management**

In this step, you store accounts for Materials Management transactions that lead to automatic postings in Financial Accounting.

Store the required accounts for every transaction that is posted in your company.

**Path**


Transaction Code  

OBYC

**What MM does**

**Path**

IMG (Implementation Guide)  ➔  Materials Management  ➔  Valuation And Account Assignment  ➔  Account Determination  ➔  Account Determination without wizard  ➔  Define Valuation Control
For account determination, you can group together valuation areas by activating the valuation grouping code. This makes the configuration of automatic postings much easier.

In the standard SAP R/3 System, the valuation grouping code is set to active.

**Activities**

Set the valuation grouping code.

**Notes on transport**

In this step, you maintain the table TCURM. This table activates/deactivates key functions in the client. It:

- Defines the valuation level (plant / company code), Activates the Late material block,
- Activates split valuation

Since the automatic transport of an indicator could activate/deactivate other functions, you cannot use the automatic transport function here.

Maintain the Customizing function manually in the target system.

For the first Customizing transport to a target system that is not yet productive, you can transport the table manually. To do this, you must include the entry R3TR TABU TCURM in the transport request.

**Group Together Valuation Areas**

In this step, you assign valuation areas to a valuation grouping code.

The valuation grouping code makes it easier to set automatic account determination. Within the chart of accounts, you assign the same valuation grouping code to the valuation areas you want to assign to the same account.

Valuation grouping codes either reflect a fine distinction within a chart of accounts or they correspond to a chart of accounts.

Within a chart of accounts, you can use the valuation grouping code to define individual account determination for certain valuation areas (company codes or plants), to define common account determination for several valuation areas (company codes or plants)

**Requirements**

You must have activated the valuation grouping code in the step Define valuation control.

Define valuation control

You must have defined the valuation level in corporate structure Customizing.

Define valuation level

You must have assigned each plant to a company code in "Corporate structure" Customizing. When assigning your plants, the valuation areas are defined automatically.

Assign plant to company code

**Recommendation**

We recommend that you only use a valuation grouping code within a chart of accounts in order to prevent account determination from becoming confusing.
Path
IMG (Implementation Guide) → Materials Management → Valuation And Account Assignment → Account Determination → Account Determination without wizard → Group Together Valuation Areas

Transaction Code OMVVD

Following are the settings done

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<th>Company name</th>
<th>Chrt/accts</th>
<th>Val.grp.code</th>
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<tbody>
<tr>
<td>0005</td>
<td>6ROW</td>
<td>Grauer and Weil (I)Ltd</td>
<td>6ROW</td>
<td></td>
</tr>
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<td>6ROW</td>
<td>Grauer and Weil (I)Ltd</td>
<td>6ROW</td>
<td></td>
</tr>
</tbody>
</table>

Define Valuation Classes

In this step, you define which valuation classes are allowed for a material type.

If a user creates a material, he must enter the material's valuation class in the accounting data. The R/3 System uses your default settings to check whether the valuation class is allowed for the material type.

The valuation class is a group of materials with the same account determination. If a transaction is to be posted to different accounts depending on the valuation class, create an account determination for each valuation class in the step Create automatic postings.

The valuation classes allowed depend on the material type. Several valuation classes are generally allowed for one material type. A valuation class can also be allowed for several material types.

The link between the valuation classes and the material types is set up via the account category reference.

The account category reference is a combination of valuation classes. Precisely one account category reference is assigned to a material type.

Requirements

You must have defined your material types. You must have defined the chart of accounts. You must have agreed with Financial Accounting which materials are assigned to which accounts.

Default settings
In the standard SAP R/3 System, an account category reference is created for each material type. The account category reference is, in turn, assigned to precisely one valuation class. This means that each material type has its own valuation class.

**Recommendation**

We recommend that you create the account groups of your chart of accounts as an account category reference.

**Activities**

1. Create account category references under account category reference
2. Under valuation class, define the valuation classes for each account category reference
3. Under Material type/account category reference, assign an account category reference to each material type.

**Path**

IMG (Implementation Guide) → Materials Management → Valuation And Account Assignment → Account Determination → Account Determination without wizard → Define Valuation Classes

**Transaction Code**

OMSK

Following are the settings made

### Account Category Reference

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<tr>
<th>Acct cat reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001</td>
<td>Reference for raw materials</td>
</tr>
<tr>
<td>0002</td>
<td>Ref. for operating supplies</td>
</tr>
<tr>
<td>0003</td>
<td>Reference for spare parts</td>
</tr>
<tr>
<td>0004</td>
<td>Reference for packaging</td>
</tr>
<tr>
<td>0005</td>
<td>Reference for trading goods</td>
</tr>
<tr>
<td>0006</td>
<td>Reference for services</td>
</tr>
<tr>
<td>0007</td>
<td>Ref. for nonvaluated material</td>
</tr>
<tr>
<td>0008</td>
<td>Ref. for semifinished products</td>
</tr>
<tr>
<td>0009</td>
<td>Ref. for finished products</td>
</tr>
<tr>
<td>0010</td>
<td>Ref. for Tools &amp; Implements</td>
</tr>
</tbody>
</table>

### Valuation Classes
## Material Type/Account Category Reference

<table>
<thead>
<tr>
<th>Material Type Description</th>
<th>Account ref.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPITAL GOODS</td>
<td>0003</td>
<td>Reference for spare parts</td>
</tr>
<tr>
<td>CIVIL CIVIL MATERIAL</td>
<td>0003</td>
<td>Reference for spare parts</td>
</tr>
<tr>
<td>CONS FUEL, OIL, &amp; LUBRICANTS</td>
<td>0001</td>
<td>Reference for raw materials</td>
</tr>
<tr>
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<td>WETT Competitor Products</td>
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</table>
Define Account Groupings for Movement Types

Using this function, you can assign an account grouping to movement types. The account grouping is a finer subdivision of the transaction/event keys for the account determination.

Example with ChOA-INT

During a goods movement, the offsetting entry for the inventory posting (transaction GBB) can be made to different accounts, depending on the movement type:

<table>
<thead>
<tr>
<th>Movement Type</th>
<th>Account Grouping</th>
<th>Account</th>
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<tbody>
<tr>
<td>561 Init. entry of stock bal</td>
<td>BSA</td>
<td>399999</td>
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<tr>
<td>201 GI for cost center</td>
<td>VBR</td>
<td>400000</td>
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</table>

Standard Settings

The account grouping is provided for the following transactions:

- GBB (offsetting entry for inventory posting)
  Overview of account groupings GBB
- PRD (price differences)
  Overview of account groupings PRD
- KON (consignment liabilities)
  Overview of account groupings KON

The account grouping in the standard system is only active for transaction key GBB (offsetting entry for inventory posting).

Recommendation

We recommend that you use the default setting.

Activities

You do not have to carry out any activities here if you are using the default setting.

You can also define your own account groupings for transaction GBB.

Example:

If you want to post goods issues for cost centers on separate consumption accounts (movement type 201) and goods issues for orders (movement type 261), you can, for example, assign account grouping ZZZ to movement type 201 and account grouping YYY to movement type 261. In the step Configure automatic postings, you can then assign different accounts to the individual account groupings.

The account groupings for transactions PRD and KON are predefined.

Path
LIST OF TRANSACTION KEYS IN SAP WITH NOTES ON APPLICABILITY TO THE USER

AG1  Ignored. Revenue from Agency bus
AG2  Ignored - Sales from Agency bus.
AG3  Ignored - Exp. from Agency bus.
AKO  Ignored. There are no consignment Stocks & hence this transaction is ignored.
AUM  Stock transfers are there between plants and from one movement type to another with split valuation. The difference between the price at the delivering plant and the receiving point is booked at the later.

Account to be opened:
Loss – Stock Transfer
Gain – Stock Transfer A/c

BO1  Check up Subsequent settlement of Provisions(eg: volume based rebate)
BO2  Check up. Subsequent settlement of revenues -conditions in invoice verification
BO3  Check up Provision Differences
BSV  The company send materials for subcontract work, this transaction is considered.

Accounts to be opened:
Materials Consumed/Trading Goods w/o cost element -- for ROH
Inventory Change – Cost of Goods sold w/o Cost element -- for FERTs

BSX  All stock postings to Stock Accounts due to Goods receipts & goods issues in Inventory Management.

B/s Inventory A/cs 11101 to 11111
COC  Ignored. Revaluation of Other Consumables
DEL  Ignored. Del Credere Commission
DIF  Small Differences that may arise during invoice verification in the invoice amount not exceeding tolerance.

Accounts to be opened:
Loss—Inventory Differences A/c
Gain—Inventory Differences A/c
## MM-FI Integration

### EIN
Ignored as Purchase Account Management is not active.

### EKG
Ignored as Purchase Account Management is not active.

### FRE
Ignored as Purchase Account Management is not active.

### FRx
These are used for posting delivery costs when goods and invoices are received for purchase orders.

<table>
<thead>
<tr>
<th>FR1</th>
<th>Freight Clearing</th>
<th>69002 Separate A/cs are required</th>
</tr>
</thead>
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<tr>
<td>FR2</td>
<td>Provisions for freight Charges</td>
<td>69002</td>
</tr>
<tr>
<td>FR3</td>
<td>Customs Clearing</td>
<td>69002</td>
</tr>
<tr>
<td>FR4</td>
<td>Provisions for Customs Clearing</td>
<td></td>
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</tbody>
</table>

### FRL
Services are performed for the company externally.

**Account to be opened:**
Purchased Services A/c

### FRN
Services are performed for the company externally and hence delivery costs

**Account to be opened:**
External Procurement Costs A/c

### GBB
Offsetting Entries for Inventory Postings

<table>
<thead>
<tr>
<th>AUA</th>
<th>For Order settlement 68005 (Factory output for Prdn)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUF</td>
<td>For GRs for orders (w/o account assignment) 68005</td>
</tr>
<tr>
<td>BSA</td>
<td>For initial entry of stock balances 11199</td>
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</tbody>
</table>

### INV
Expenditure/Income from Inventory differences 68004 – Raw Material Consumption A/c

### VAX
For goods issues for sales orders with no assignment object
The account will not be cost element
68002 – Raw Material Indigenous
72001 – Stores & Spares

### VAY
For goods issues for sales orders with assignment object
The account is a cost element

### VBO
Consumption from stock provided to vendor 68002 – Raw Material Indigenous

### VBR
For internal goods issues (eg: to a cost center) 68005—Factory output for Prodn
72001 – Stores & Spares

### VKA
For consumption in Sales Order without SD(MovtType 231) 68005—Factory output for Prodn

### VNG
For Scrapping & destruction 68004 – Raw Material Consumption – Others

### VQP
For sampling without account assignment 68004 – Raw Material Consumption – Others

### VQY
For sampling with account assignment
Prepare Revenue Account Determination.

In this step, you allocate the G/L accounts for the revenue account determination. You make the allocation for each of the access sequences defined previously.

In this case, you specify a G/L account depending on the following terms:

Application (key for the Sales and Distribution application), Account determination type, Chart of accounts (from the FI System), Customer account assignment group, Materials account assignment group, Account key

The allocated accounts are used to post revenues, surcharges and discounts automatically.

You have defined the access sequences and the account determination types for Sales and Distribution.

You must define charts of accounts and G/L accounts in the FI System.

Activities

1. Check to what extent you can use the allocations contained in the SAP standard version.

2. Allocate the G/L accounts for each access sequence.

Path


Transaction Code VKOA

Following Settings Made

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**IMPORTANT POINTS IN SD - FI INTEGRATIONS**
1. Customer Account Assignment Groups:
Domestic Customers, Foreign Customers and Affiliated Companies. I think they are finalized.

2. Material Account Assignment Groups :

They are not exhaustive and they need revision.

Finished Goods & Semi Finished Goods are covered under Trading Goods. Performances are said to be Nil. Shall we have Material Groups as Trading, Finished, Packaging and Services.

3 Condition Types : KOFI & KOFK (Account Assignment for CO)

4 Account Keys

ERL Sales
RDM Rounding
ERS Sales Deductions
ERF Freight Collected Domestic & Foreign
EIN Transit Insurance Collected
EXD Excise Duty
ERB Rebate Sales Deductions
ERV Rebate Accruals
EVV Cash Clearing
MW3 Sales Tax
MWS Tax on sales & purchases

5 50001 Domestic Direct Sales
50002 Domestic Branch Sales
50003 Domestic Direct Sales 80 1A
50004 Domestic Branch Sales 80 1A
50005 Export Sales
50006 Inter Unit Transfer- Finished Goods
52116 Sale of Free Sample (Domestic)
52117 Sale of Free Sample (Export)
52118 Sale of Captive Consumption

a) What is branch Sales? There are no sales from branches and there are no depots at branches. Invoices are being sent only through branches. Second Sale concept is also not there.
b) Sales of Dadra & Barotiwala are to same account?

6 ERS Sales Deductions

51001 Trade Discount
51002 Cash Discount
51003 Commission

7 Following Accounts to be identified and attached in SD_FI integration

52001 Job Plating Service Charges
52001 Labor Charges
52001 Testing Analysis Charges Received
52004 Erection & Commissioning Charges
52005 Technical Fees Recd
52006 License Fees Recd
52101 Scrap sales
52102  Sundry Receipts
52103  Commission Recd (Local)
52104  Commission Recd (Foreign)
52105  Insurance Claims Recd
52106  Sundry Balances W/o
52110  Refund of Sales Tax
52111  Refund of Octroi
52112  Rounding Off
55104  Export Benefits & entitlements-Chemicals
69001  Freight & Clearing Imported--Inward
69002  Freight & Clearing Indigenous - Inward
69003  Octroi Charges - Inward
73701  Freight & Clearing Imported--Outward
73702  Carriage & Cartage (Outward)
73703  Octroi Charges (Outward)

8  For Acc. Key

EVV (Cash Clearing) 11602 (Petty Cash) is found attached
ERU (Rebate Accruals) 39024(Out Standing Expenses) is attached

SALES RELATED ACCOUNTS

1. **ERL Sales**

   50001  Domestic Direct Sales
   50005  Export Sales
   52001  Job Plating Service Charges
   52002  Labor Charges
   52003  Testing Analysis Charges Received
   52004  Erection & Commissioning Charges
   52101  Scrap sales
   50006  Inter Unit Transfer- Finished Goods
   52116  Sale of Free Sample (Domestic)
   52117  Sale of Free Sample (Export)
   52118  Sale of Captive Consumption

2. **RDM Rounding**

   52112  Rounded off Differences - Invoices

3. **ERS Sales Deductions**

   74951  Trade Discount
   74952  Additional Discount
4. **ERFFreight Collected Domestic & Foreign**

   - 73701 Forwarding Charges (Outward) (Expense Account)
   - 73702 Carriage & Cartage (Outward) (Expense Account)
   - 73703 Octroi Charges (Outward) (Expense Account)
   - 52111 Octroi Refund Account (Income A/c)

5. **EIN Transit Insurance Collected**

   - 52105 Insurance Claim Received (Income A/c)

6. **ERBRebate Sales Deductions**

7. **ERV Rebate Accruals**

8. **EVV Cash Clearing**

9. **Tax Accounts**

   - **EXD Excise Duty**
     - 19001 Central excise - Current A/c Bal (PLA)
   - **MW3 Sales Tax**
     - 39033 LST Maharastra Sales tax
   - **MWS Tax on sales & purchases**
     - 39034 CST Central sales Tax
ZOB  For goods issues with no purchase order reference (MovtType 501)
ZOF  For goods issues with no production order reference (MovtType 521)

**KBS**  Account - assigned Purchase Order ie., account assignment taken from PO
Account need not be assigned in OBYC

**KDR**  Exchange rate rounding differences in case of foreign currency invoices
80029 -- Exchange Rate Difference - Valuation 1

**KDM**  Exchange rate rounding differences for open items (invoice posting with a
Different exch. rate than the GR/due to Std price difference/insufficient stock
coverage)
80028 --Exchange Rate Difference - foreign curr to local

**KDV**  Ignored. Material ledger frm low levels E/R diff.
**KON**  Ignored. Consignment payables

**KTR**  Offsetting entry for price differences in cost object hierarchies
68005—Factory output for Prodn (May I attach this A/c)

**LKW**  Ignored. Accruals and defer.acct(material ledger)

**PRD**  Price Differences
Loss/Gain Inventory Differences ( Two A/cs to be opened & assigned)
68004 – Raw Material Consumption – Others A/c is assigned

**PRK**  Price Differences in cost object hierarchies
Loss/Gain Inventory Differences ( Two A/cs to be opened & assigned)

**PRY**  Ignored. Price Differences for Material Ledger

**RAP**  Ignored Expense/revenue from revaluation
Check up – 68004 is found attached (Raw Material Consumption – Others A/c )

**RKA**  Ignored Inv. reductions from log. inv. verification
**RUE**  Ignored. Neutral provisions
**TXO**  Ignored. Brazilian taxes for transfer posting
**UMB**  Ignored. Gain/loss from revaluation
Check up- 68004 is found attached (Raw Material Consumption – Others A/c )

**UPF**  Ignored. Unplanned delivery costs

**VST**  INPUT TAX

**WGI**  Ignored. Goods issue inflation revaluation
**WGR**  Ignored. Goods receipt inflation revaluation

**WRX**  GR/IR clearing account
40051 – GR/IR Clearing A/c

**WRY**  Ignored. GR/IR clearing acct (mat. ledger) (old)