

PLANT MAINTENANCE MODULE (PM)

Master Data - Functional Location

In SAP, a technical object is a component in a **structured** technical system on which a maintenance task is performed and assets need to be maintained. Either a part of the total technical system or a physical object that is maintained as autonomous unit like an individual equipment can be defined as technical objects. Technical objects are classified as **“Functional Locations”** and **“Equipment”**.

A **“Functional Location” (FL)** is an organizational unit that structures the maintenance objects according to functional, process oriented, or spatial criteria. The FL represents the place at which a maintenance task is performed.

In SAP PM Module of AP Transco, all the **Zones, Circles, Divisions, Subdivisions, Substations, Substation bays** and **Transmission lines** are defined as functional locations. The various **Sub Station equipment** and **transmission towers** are defined as Equipment. All the **functional locations** are attached to each other in a structural fashion according to the functional hierarchy. The **equipment** technical objects are assigned to the bottom most functional locations in the structure i.e **Sub Station bays/EHT Lines**.

Each functional location and equipment would be assigned a unique ID. The IDs for FLs are manually assigned at the time of creation. But ID in respect of equipment is automatically assigned by the SAP system while creation.

The master data of a functional location/equipment includes both **locational data and financial** data. Hence whenever any maintenance work is carried out against a functional location/equipment, the expenditure would automatically be booked to the concerned **cost centre**, as per the master data.

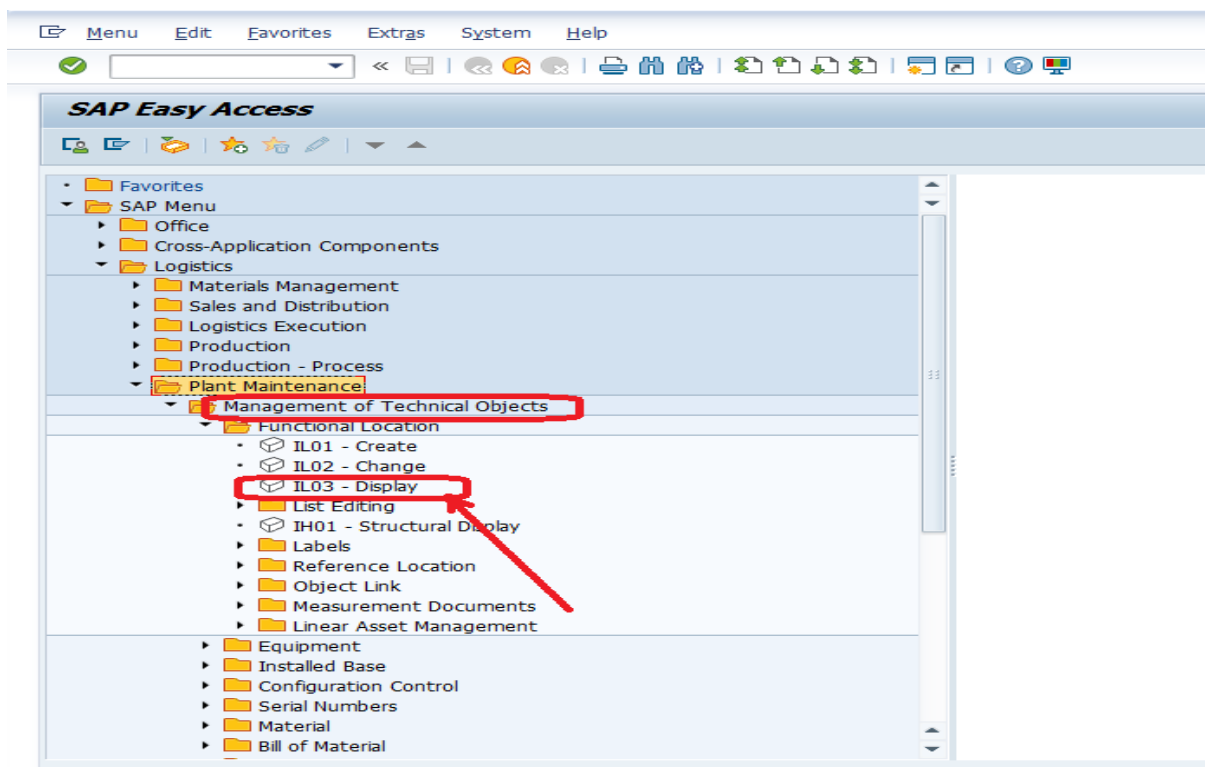
Creation of functional location and equipment objects in SAP is a one time job. Permission for creation of functional location is available only for the **core users** and hence **end users** cannot create the same.

Whenever new sub stations/substation bays/Transmission Lines are constructed, the concerned maintenance wing should inform the details of same to the PM module Core Team in Vidyut Soudha headquarters and ensure that new functional locations for the same are created. It may be noted that without creation of functional location master data in SAP, it would not be possible to carry out any maintenance related transactions on the same in SAP.

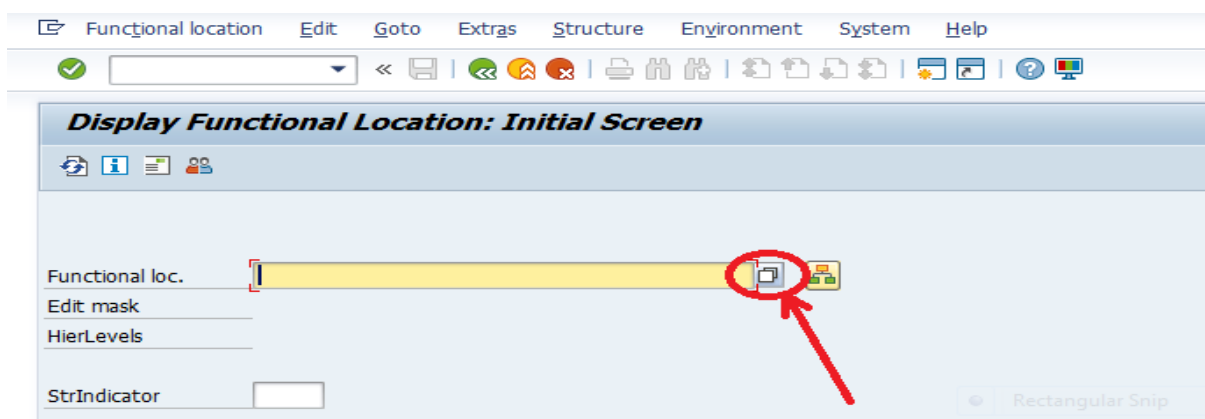
However creation of SAP master data pertaining to the various equipment installed in substations and lines should be done by the end users only. The procedure for creation of **equipment objects** in SAP is explained in a separate document.

In this document, the details of master data pertaining to various **functional locations** defined in AP Transco are explained for the end user information purpose.


Step-1: To view the functional location master data enter the T-code **IL03** or double click on **IL03** in the SAP easy access screen as indicated below.




Step-2: Click **search** button beside **Functional loc** field as indicated below, to select the required functional location.




Step-3: The master data pertaining to a desired functional location can be fetched from the SAP data base in many ways by indicating any one or more of the master data parameters in the displayed **Functional location selection** screen shown below.


 **Display Functional Location: Functional Location Selection**






Display Functional Location: Functional Location Selection



FuncLocSelection



Functional Location to 

Partner 


Selection Profile  Address 


Classification


Class Type ☐ Include Subordinate Classes


Class  Valuation 

Linear Data


Segment to 

Start Point to 


End Point to 


Length to 


Unit of Measure


Linear Reference Pattern to 


Maintenance Data


FunctLocDescrip. to 


Planning plant to 

Planner group to 















Construction type to 

Catalog profile to 







AuthorizGroup to 

Business Area to 

General Data

| | | | | |
|----------------------|----------------------|----|----------------------|--|
| Technical obj. type | <input type="text"/> | to | <input type="text"/> |  |
| Inventory number | <input type="text"/> | to | <input type="text"/> |  |
| Size/dimension | <input type="text"/> | to | <input type="text"/> |  |
| Gross Weight | <input type="text"/> | to | <input type="text"/> |  |
| Weight Unit | <input type="text"/> | to | <input type="text"/> |  |
| Acquisition date | <input type="text"/> | to | <input type="text"/> |  |
| Acquisition Value | <input type="text"/> | to | <input type="text"/> |  |
| Currency | <input type="text"/> | to | <input type="text"/> |  |
| Manufacturer | <input type="text"/> | to | <input type="text"/> |  |
| Country of manufact. | <input type="text"/> | to | <input type="text"/> |  |
| Construction year | <input type="text"/> | to | <input type="text"/> |  |
| Model number | <input type="text"/> | to | <input type="text"/> |  |
| ManufSerialNumber | <input type="text"/> | to | <input type="text"/> |  |
| ManufactPartNo. | <input type="text"/> | to | <input type="text"/> |  |

Admin. Data/Status Info

| | | | | |
|------------------|----------------------|----|----------------------|--|
| Created by | <input type="text"/> | to | <input type="text"/> |  |
| Created on | <input type="text"/> | to | <input type="text"/> |  |
| Changed by | <input type="text"/> | to | <input type="text"/> |  |
| Changed on | <input type="text"/> | to | <input type="text"/> |  |
| Status inclusive | <input type="text"/> | to | <input type="text"/> |  |
| Status exclusive | <input type="text"/> | to | <input type="text"/> |  |


| | | | | |
|--------------------|----------------------|----|----------------------|--|
| Main work center | <input type="text"/> | to | <input type="text"/> | |
| Reference location | <input type="text"/> | to | <input type="text"/> | |
| FunctLocCategory | <input type="text"/> | to | <input type="text"/> | |
| Permit | <input type="text"/> | to | <input type="text"/> | |

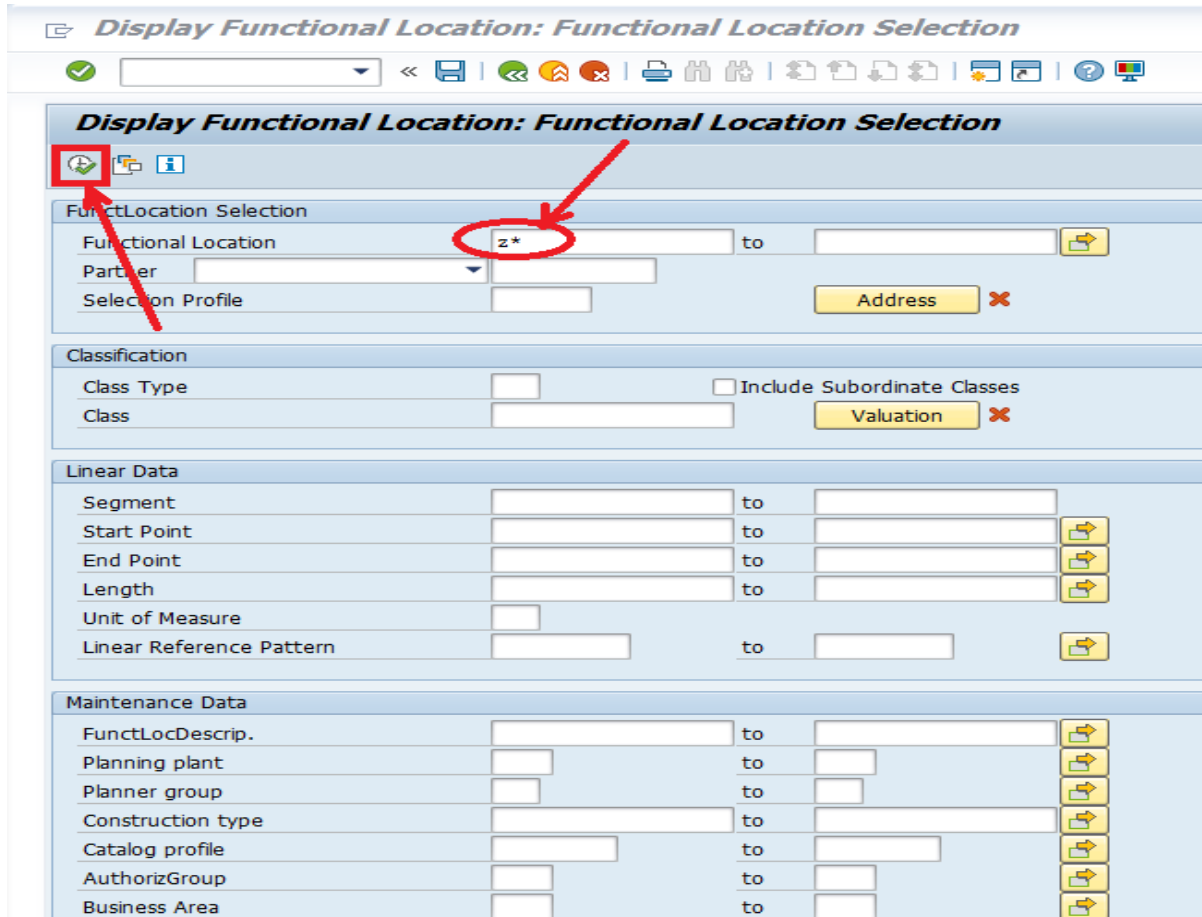
| Location Data/Account Assignment | | | | |
|----------------------------------|----------------------|----|----------------------|--|
| Maintenance plant | <input type="text"/> | to | <input type="text"/> | |
| Location | <input type="text"/> | to | <input type="text"/> | |
| Room | <input type="text"/> | to | <input type="text"/> | |
| Plant section | <input type="text"/> | to | <input type="text"/> | |
| Work center | <input type="text"/> | to | <input type="text"/> | |
| ABC indicator | <input type="text"/> | to | <input type="text"/> | |
| Sort field | <input type="text"/> | to | <input type="text"/> | |
| Controlling Area | <input type="text"/> | to | <input type="text"/> | |
| Company Code | <input type="text"/> | to | <input type="text"/> | |
| Cost Center | <input type="text"/> | to | <input type="text"/> | |
| WBS element | <input type="text"/> | to | <input type="text"/> | |
| Asset | <input type="text"/> | to | <input type="text"/> | |
| Standing order | <input type="text"/> | to | <input type="text"/> | |
| Settlement order | <input type="text"/> | to | <input type="text"/> | |
| Sales Organization | <input type="text"/> | to | <input type="text"/> | |
| Distribution Channel | <input type="text"/> | to | <input type="text"/> | |
| Division | <input type="text"/> | to | <input type="text"/> | |

It may be noted that functional location IDs of different functional locations are codified as indicated below.

Functional Location Code

- **Zone:** Code Starts with **Z-----** **ZONE-KDPA-APTR**
- **Circle:** Code Starts with **CIR-----** **CIR-ATPR-OMC**
- **Division:** Code Starts with **DIV----** **DIV-ATPR-MRT**
- **Subdivision:** Code Starts with **SD----** **SD-CKPL-MNT**
- **Substation:** Code Starts with **SS----** **SS-220KV-CKPL**
- **Feeder bay:** Code Starts with **FB-----** **FB-220KV-CKPL-KDPA-01**
- **Transformer bay:** Code Starts with **TB----** **TB-220/132KV-CKPL-01**
- **Bus:** Code Starts with **BUS-----** **BUS-220KV-CKPL-01**
- **Control Room:** Code Starts with **CR-----** **CR-220KV SS-CKPL-01**
- **Bus Coupler Bay:** Code Starts with **BC-----** **BC-220KV-CKPL-03**
- **Tr Bus coupler Bay:** Code Starts with **TBC-----** **TBC-220KV-CTTR-01**
- **Bus Reactor:** Code Starts with **BR-----** **BR-220KV-BDPM-01**
- **Stn Transformer Bay:** Code Starts with **ST-** **ST-33KV/433V-CHKP-01**
- **EHT Line:** Code Starts with **LN--** **LN-132KV-NDVL-KVRU-CKT-2**

Step-4: For fetching functional locations of all the three zones of AP Transco, enter **Z*** in the **Functional location** field and click **execute**  button as shown below, since zonal functional location IDs start with **Z** as explained above.



Display Functional Location: Functional Location Selection

Functional Location Selection

Functional Location: **z*** to

Partner:

Selection Profile:

Address

Classification

Class Type: ☐ Include Subordinate Classes

Class: Valuation

Linear Data

Segment: to

Start Point: to

End Point: to

Length: to

Unit of Measure:

Linear Reference Pattern: to

Maintenance Data

FunctLocDescrip.: to

Planning plant: to


Planner group: to

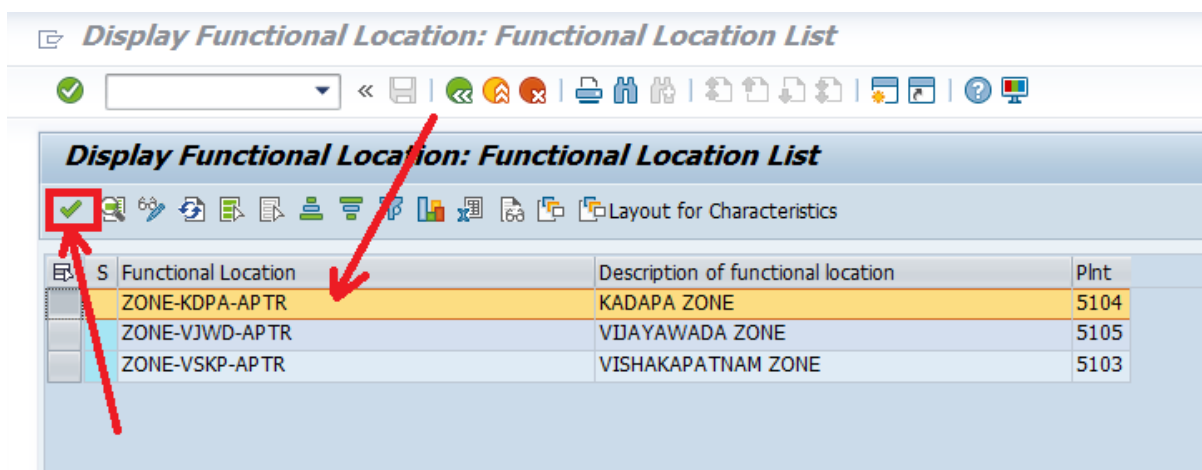
Construction type: to

Catalog profile: to

AuthorizGroup: to

Business Area: to

Step-5: Functional location list of all the three zones of APTransco would be displayed as indicated below. Select one line and click  as shown below.






Display Functional Location: Functional Location List

Layout for Characteristics

| S | Functional Location | Description of functional location | Plnt |
|-------------------------------------|---------------------|------------------------------------|------|
| <input checked="" type="checkbox"/> | ZONE-KDPA-APTR | KADAPA ZONE | 5104 |
| <input type="checkbox"/> | ZONE-VJWD-APTR | VIJAYAWADA ZONE | 5105 |
| <input type="checkbox"/> | ZONE-VSKP-APTR | VISHAKAPATNAM ZONE | 5103 |

Step-6: Click enter button as indicated below.

[illegible]

Step-7: It may be noted that as already explained in the beginning, various functional locations are inter connected structurally as per their functional hierarchy. As indicated below, if the icon  is clicked, all the functional locations in the structure, below the present functional location would be displayed as per hierarchy. Similarly if the icon  is clicked, all the functional locations in the structure, above the present functional location would be displayed. Click  to see the functional locations below the functional location **Kadapa Zone**.

Display Functional Location: Master Data

Classification Measuring points/counters Data origin...

Functional loc. ZONE-KA-PA-APTR Cat. M Technical system - st...

Description KADAPA ZONE

Status CRTE

General Location Organization Structure Documents

General data

Class

Object type ZONE Zonal Office

AuthorizGroup

Weight 0.000 Size/dimension

Inventory no. Start-up date

Reference data

AcquistnValue 0.00 INR Acquisition date


Manufacturer data

Manufacturer ManufCountry IN

Model number Constr.yr/mth /


ManufPartNo.

ManufSerialNo.

Step-11: Now, if the  symbol beside any **MNT subdivision functional location** is clicked, **substation functional locations** under that subdivision functional location can be viewed as shown below.


Display Functional Location: Structure List

| Functional loc. | ZONE-KDPA-APTR | Valid From | 22.01.2019 |
|--------------------|-----------------------------|------------|------------|
| Description | KADAPA ZONE | | |
| ZONE-KDPA-APTR | KADAPA ZONE | | |
| CIR-ATPR-OMC | OMC ANANTHAPUR CIRCLE | | |
| CIR-KDAP-OMC-400KV | OMC 400KV KADAPA CIRCLE | | |
| CIR-KDPA-OM | OM KADAPA CIRCLE | | |
| DIV-KDPA-MRT | KADAPA MRT AND TR DIVISION | | |
| DIV-KDPA-OM | DIV-KADAPA-O&M | | |
| SD-CKPL-MNT | SD-CHINAKAMPALLY-MNT | | |
| SS-132KV-MLVK | MOOLAVANKA -132/33KV-SS | | |
| SS-132KV-RCTY | RAYACHOTY-132/33KV-SS | | |
| SS-132KV-SBPL | SAMBEPALLI-132/33KV-SS | | |
| SS-220KV-CKPL | CHINAKAMPALLY -220/132KV-SS | | |
| SD-KDPA-LN | SD-EHT LINES KADAPA-LN | | |
| SD-KDPA-MNT | SD-KADAPA-MNT | | |
| SD-KODR-MNT | SD-KODURU-MNT | | |
| SD-MDKR-MNT | SD-MYDUKUR-MNT | | |
| SD-RJPT-MNT | SD-RAJAMPETA-MNT | | |
| DIV-YGITL-OM | DIV-YERAGUNTILA-O&M | | |
| KDPA-132KV-LN | KADAPA 132KV LINES | | |
| KDPA-220KV-LN | KADAPA 220KV LINES | | |
| CIR-KRNL-OM | OM KURNOOL CIRCLE | | |
| CIR-TRPT-OMC | OMC TIRUPATI CIRCLE | | |

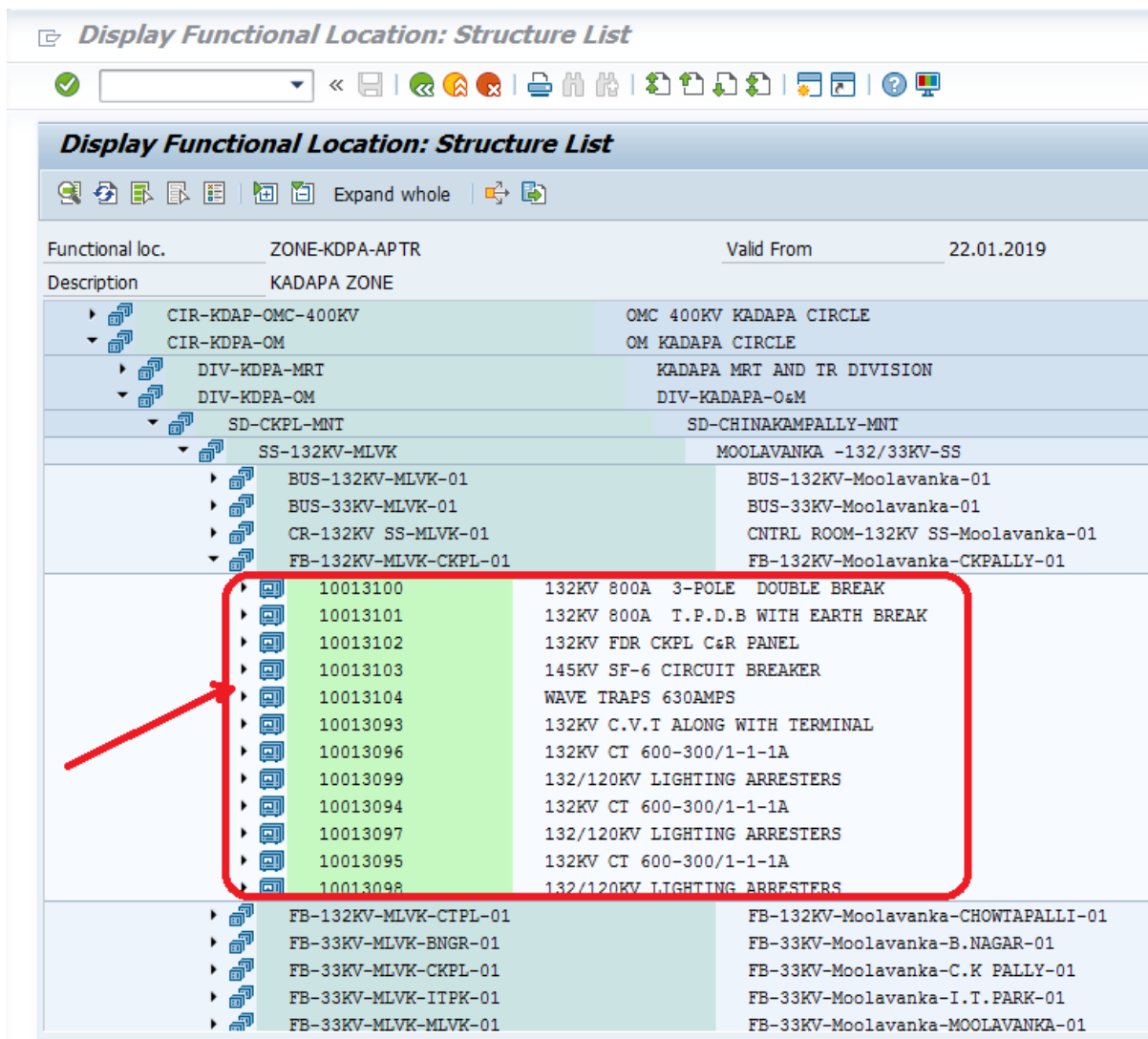
Step-12: If the  symbol beside a substation functional location is clicked, all the various bay functional locations under the substation functional location can be seen as indicated below.

Display Functional Location: Structure List

| Functional loc. | ZONE-KDPA-APTR | Valid From | 22.01.2019 |
|-----------------------|------------------------------------|------------|------------|
| Description | KADAPA ZONE | | |
| ZONE-KDPA-APTR | KADAPA ZONE | | |
| CIR-ATPR-OMC | OMC ANANTHAPUR CIRCLE | | |
| CIR-KDAP-OMC-400KV | OMC 400KV KADAPA CIRCLE | | |
| CIR-KDPA-OM | OM KADAPA CIRCLE | | |
| DIV-KDPA-MRT | KADAPA MRT AND TR DIVISION | | |
| DIV-KDPA-OM | DIV-KADAPA-O&M | | |
| SD-CKPL-MNT | SD-CHINAKAMPALLY-MNT | | |
| SS-132KV-MLVK | MOOLAVANKA -132/33KV-SS | | |
| BUS-132KV-MLVK-01 | BUS-132KV-Moolavanka-01 | | |
| BUS-33KV-MLVK-01 | BUS-33KV-Moolavanka-01 | | |
| CR-132KV SS-MLVK-01 | CNTRL ROOM-132KV SS-Moolavanka-01 | | |
| FB-132KV-MLVK-CKPL-01 | FB-132KV-Moolavanka-CKPALLY-01 | | |
| FB-132KV-MLVK-CTPL-01 | FB-132KV-Moolavanka-CHOWTAPALLI-01 | | |
| FB-33KV-MLVK-BNGR-01 | FB-33KV-Moolavanka-B.NAGAR-01 | | |
| FB-33KV-MLVK-CKPL-01 | FB-33KV-Moolavanka-C.K PALLY-01 | | |
| FB-33KV-MLVK-IIPK-01 | FB-33KV-Moolavanka-I.T.PARK-01 | | |
| FB-33KV-MLVK-MLVK-01 | FB-33KV-Moolavanka-MOOLAVANKA-01 | | |
| FB-33KV-MLVK-MMPL-01 | FB-33KV-Moolavanka-M.M.PALLY-01 | | |
| TB-132/33KV-MLVK-01 | PTR BAY-132/33KV-Moolavanka-01 | | |
| TB-132/33KV-MLVK-02 | PTR BAY-132/33KV-Moolavanka-02 | | |
| TB-132/33KV-MLVK-03 | PTR BAY-132/33KV-Moolavanka-03 | | |
| SS-132KV-RCTY | RAYACHOTY-132/33KV-SS | | |
| SS-132KV-SBPL | SAMBEPALLI-132/33KV-SS | | |
| SS-220KV-CKPL | CHINAKAMPALLY -220/132KV-SS | | |
| SD-KDPA-LN | SD-EHT LINES KADAPA-LN | | |
| SD-KDPA-MNT | SD-KADAPA-MNT | | |
| SD-KODR-MNT | SD-KODURU-MNT | | |

Step-13: It may be noted that as mentioned in the preamble to this document, the equipment objects are attached below the bottom most functional location in the technical object structure. Hence if the  symbol against **substation bay functional location** is clicked, the **equipment** objects attached under the substation bay functional location can be viewed as indicated below.

Click  icon beside substation bay functional location.



Display Functional Location: Structure List

Functional loc. ZONE-KDPA-APTR Valid From 22.01.2019

Description KADAPA ZONE

| | |
|-------------------------|-------------------------------------|
| ▶ CIR-KDAP-OMC-400KV | OMC 400KV KADAPA CIRCLE |
| ▶ CIR-KDPA-OM | OM KADAPA CIRCLE |
| ▶ DIV-KDPA-MRT | KADAPA MRT AND TR DIVISION |
| ▶ DIV-KDPA-OM | DIV-KADAPA-O&M |
| ▶ SD-CKPL-MNT | SD-CHINAKAMPALLY-MNT |
| ▶ SS-132KV-MLVK | MOOLAVANKA -132/33KV-SS |
| ▶ BUS-132KV-MLVK-01 | BUS-132KV-Moolavanka-01 |
| ▶ BUS-33KV-MLVK-01 | BUS-33KV-Moolavanka-01 |
| ▶ CR-132KV SS-MLVK-01 | CNTRL ROOM-132KV SS-Moolavanka-01 |
| ▶ FB-132KV-MLVK-CKPL-01 | FB-132KV-Moolavanka-CKPALLY-01 |
| ▶ 10013100 | 132KV 800A 3-POLE DOUBLE BREAK |
| ▶ 10013101 | 132KV 800A T.P.D.B WITH EARTH BREAK |
| ▶ 10013102 | 132KV FDR CKPL C&R PANEL |
| ▶ 10013103 | 145KV SF-6 CIRCUIT BREAKER |
| ▶ 10013104 | WAVE TRAPS 630AMPS |
| ▶ 10013093 | 132KV C.V.T ALONG WITH TERMINAL |
| ▶ 10013096 | 132KV CT 600-300/1-1-1A |
| ▶ 10013099 | 132/120KV LIGHTING ARRESTERS |
| ▶ 10013094 | 132KV CT 600-300/1-1-1A |
| ▶ 10013097 | 132/120KV LIGHTING ARRESTERS |
| ▶ 10013095 | 132KV CT 600-300/1-1-1A |
| ▶ 10013098 | 132/120KV LIGHTING ARRESTERS |
| ▶ FB-132KV-MLVK-CTPL-01 | FB-132KV-Moolavanka-CHOWTAPALLI-01 |
| ▶ FB-33KV-MLVK-BNGR-01 | FB-33KV-Moolavanka-B.NAGAR-01 |
| ▶ FB-33KV-MLVK-CKPL-01 | FB-33KV-Moolavanka-C.K PALLY-01 |
| ▶ FB-33KV-MLVK-ITPK-01 | FB-33KV-Moolavanka-I.T.PARK-01 |
| ▶ FB-33KV-MLVK-MLVK-01 | FB-33KV-Moolavanka-MOOLAVANKA-01 |

Step-14: If any of the **functional locations/Equipment** in the above indicated screen shots is **double clicked**, the master data pertaining to that technical object can be accessed. For illustrating the master data of a functional location, the functional location ID **FB-132KV-MLVK-CKPL-01** is double clicked.

The master data of **functional location** is incorporated in separate tab pages namely **General**, **Location**, **Organization** and **Structure** as indicated in the below screen shot.

Display Functional Location: Master Data

Functional loc. FB-132KV-MLVK-CKPL-01 Cat. **M** Technical system - st...

Description FB-132KV-Moolavanka-CKPALLY-01

Status CRTE

General Location Organization Structure Documents

General data

Class

Object type **132KV FB** 132KV Feeder bay

AuthorizGroup

Weight 0.000

Inventory no.

Size/dimension

Start-up date 19.02.2009

Reference data

AcquistnValue 0.00 INR Acquisition date

Manufacturer data

Manufacturer ManufCountry IN

Model number Constr.yr/mth /

ManufPartNo.

ManufSerialNo.

Except for functional locations pertaining to Lines, for all the other functional locations, the FL **category** is indicated as **M** as shown in the above screen shot. In respect of functional locations for Lines, the FL category would be indicated as **L**.

The **Object Type** field indicates the type of the functional location.

The **Start-up** date indicates the date of commissioning of the **bay/substation**.

Step-15: In the **Location** tab, the information regarding where the functional location is located is entered.

Display Functional Location: Master Data

Functional loc. Cat. Technical system - st...

Description

Status

Location data

| | | |
|---------------|---|---------------------------------|
| MaintPlant | <input type="text" value="S104"/> | SE/O&M/Kadapa |
| Location | <input type="text" value="KDPACKPLMN"/> | DIV-Kadapa-SD-CHINAKAMPALLY-MNT |
| Room | <input type="text" value="K020"/> | |
| Plant section | <input type="text" value="MVK"/> | 132 Moolavanka 123 |
| Work center | <input type="text" value="MNT"/> | MAINTENANCE |
| ABC indic. | <input type="text" value="B"/> | Essential |
| Sort field | <input type="text"/> | |

Address

| | |
|-----------|----------------------|
| Name | <input type="text"/> |
| Street | <input type="text"/> |
| Location | <input type="text"/> |
| Telephone | <input type="text"/> |
| Fax | <input type="text"/> |

- The **Location** field indicates the combination of concerned **division and sub division** as shown above.
- The **Room** field indicates the **storage location** associated with the functional location.

A Storage location is a place wherein material stocks are reflected in SAP. The storage locations are defined in **Materials Management module** under each **plant**. All the **substations, subdivisions, divisions, circles** and **zones** are defined as storage locations. Whenever material/equipment is drawn from stores for O&M works, the same would be initially reflected as stock in respective storage locations before consumed for concerned works in SAP.

Similarly in all the central **stores plants** also various storage locations such as **indoor, outdoor** etc are defined for differentiating various types of stocks.

- All the **sub stations** in a plant are defined as **plant sections**. An abbreviation of substation name with three characters is used for denoting the **plant section**.
- **Work center** indicates the department which is responsible for maintenance of the **FL**.
- **ABC indicator** indicates the significance/importance of the **FL**.

In respect of transmission lines it is indicated as **Genco Feeders, General Feeders, Industrial Feeders, Interstate Feeders, and Railway Feeders**.

In case of functional locations other than transmission lines, the ABC indicators as mentioned below are incorporated depending upon the importance of the **FL**.

A. Vital

B. Essential

C. Desirable

Step-16: In the **Organization** tab, the details pertaining to the **Accounting assignments** and **Responsibilities** is incorporated as indicated below.

The screenshot displays the SAP 'Display Functional Location: Master Data' interface. The 'Organization' tab is active, showing two main sections: 'Account assignment' and 'Responsibilities', both highlighted with red boxes.

Account assignment section:

| | | | |
|-----------------|------------|---------------|---------------------------|
| Company Code | 3000 | APTRANSCO | VDAYAWADA |
| Business Area | 5104 | SE/O&M/KADAPA | |
| Asset | | / | |
| Cost Center | 5104S20003 | / | 3000 ADE/ Maint/ C.K.Pall |
| WBS Element | | | |
| StandgOrder | | | |
| SettlementOrder | | | |

Responsibilities section:

| | | | |
|-----------------|---------|------------------|------------------|
| Planning plant | 5104 | SE/O&M/Kadapa | |
| Planner group | M19 | MNT1 1Moolavanka | 1234 |
| Main WorkCtr | MNT | / | 5104 MAINTENANCE |
| Catalog profile | FDR BAY | | Feeder Bay |

User data section:

| | |
|-----------|--|
| Latitude | |
| Longitude | |

- The **‘Company code’** in SAP is an organizational unit for which individual financial statements can be drawn according to the relevant commercial law. The company code for **APTransco** is **3000**. The same is indicated in all functional locations.
- The **‘Business Area’** is an accounting unit. At field level of **APTransco**, it is defined at each field circle level. **Financial** statements can be created for business areas for internal purposes i.e they help in segment reporting of company in its financial statements. It is a 4 digit code.
- The **Cost Center** is an organizational unit within a financial controlling area that represents a location where costs occur. The main function of a **cost center** is to track expenses.

All the O&M **subdivisions, divisions, circles** and **zones** are created as cost centers in SAP. The cost centers are created **plant wise**. The codes of all the cost centers in a plant begin with that **plant code**. For example the codes of all cost centers in **5104** plant begin with **‘5104’**.

- A **‘Planning Plant’** is the place in the organization where all the maintenance planning activities take place. Planning Plant is assigned to “Maintenance Plant” depending upon the type of maintenance planning. It is a 4 digit code. All the field OMC circles are defined as planning plants. **It may be noted that code for ‘Business Area’ and ‘Planning Plant’ is same.**
- **‘Planner Group’** is the group of employees who carry out the complete maintenance planning. The ‘Planner Group’ is created with respect to Planning Plant. It is a 3 digit alpha numeric key. The various roles and access permissions in SAP PM Module are defined with reference to the planner groups.
- A **Catalog profile** contains the **Catalog, Catalog groups, Catalog Codes and Code Texts** pertaining to that equipment.
‘Catalog’ is a master data in PM module. It is used to capture information related to maintenance history in the form of codes. The Catalog Codes and description can be stored in a Catalog. Hence a Catalog is a group of Catalog Codes. While entering the maintenance

history, the user can avoid entry of the same maintenance history again and again. He/she can simply use the predefined **Catalog Code**.

Step-17: In the structure tab, the FL **FB-132KV-MLVK-CKPL-01** is assigned to its superior FL in the technical object structure. It may be noted that the superior FL to the feeder bay is **Sub Station** as indicated below. The superior functional location can be changed if required.

Further, the list of equipment objects assigned under the FL “**FB-132KV-MLVK-CKPL-01**” is also displayed as shown below.

Display Functional Location: Master Data

Functional loc. Cat. Technical system - st...

Description

Status

General Location Organization **Structure** Documents

Structuring

StrIndicator APTRANSCO Substation & Lines Structure

SupFunctLoc.

Description

Position

RefLocation

Description

InstallSpecs ☒ Equi-installation allwd ☐ Single installation

ConstType

Equipment

| Pos. | Equipment | Sb-Eq | Description | EqmtType | Mfr | |
|------|-----------|--------------------------|--------------------------|----------|--------------|-----|
| R-PH | 10013094 | <input type="checkbox"/> | 132KV CT 600-300/1-1-... | CT 132KV | VIDYUTH C... | I |
| Y-PH | 10013095 | <input type="checkbox"/> | 132KV CT 600-300/1-1-... | CT 132KV | ITC | I |
| B-PH | 10013096 | <input type="checkbox"/> | 132KV CT 600-300/1-1-... | CT 132KV | ITC | I |
| R-PH | 10013097 | <input type="checkbox"/> | 132/120KV LIGHTING A... | LA 132KV | CROMPTON | ..Z |
| Y-PH | 10013098 | <input type="checkbox"/> | 132/120KV LIGHTING A... | LA 132KV | CROMPTON | ..Z |