

User Manual

Equipment Phase-In Process

(BSNL_PM_UM_01_Equipment_Phase_In_V2.0.doc)

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Overview

Business Process Description Overview

Equipment Phase-In process is used to maintain all master data required to perform effective maintenance on a piece of Equipment, this includes the Equipment master record, Maintenance Plan, Measuring Point, Task List, Bill of Materials (BOMs) etc.

According to BSNL scenarios, Master Data Management (MDM) Team is available at certain places, which need to be taken into consideration, prior to creation of master data, which is centrally maintained.

Equipment Phase - In

Equipment Phase - In Process is a cross module process which originates either from creation of Asset (if applicable), from Goods Receipt (for Serialized Material – as applicable) or by directly creating equipment, which will then be carried forward for maintaining further data related to maintenance planning, equipment bill of material etc..

Equipment Number can be created through following scenarios

1. For any automatic Asset-Equipment linked options, when an Asset is created in FICO, Equipment is automatically generated in background.
2. There can be equipments (for e.g. IT equipment) which are relevant for Serialization; Equipment will be created automatically when Goods Receipt is done. Asset Master is created separately and linked manually to the Equipment Master.
3. Based on maintenance need, equipments not linked to asset or not serialized may also be created

Created Equipment need to be maintained with required Master Data, Organization data and planning data

Asset Linked Equipment

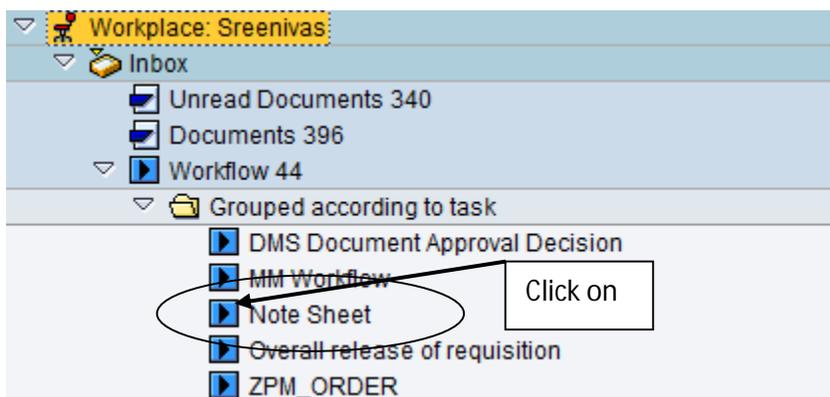
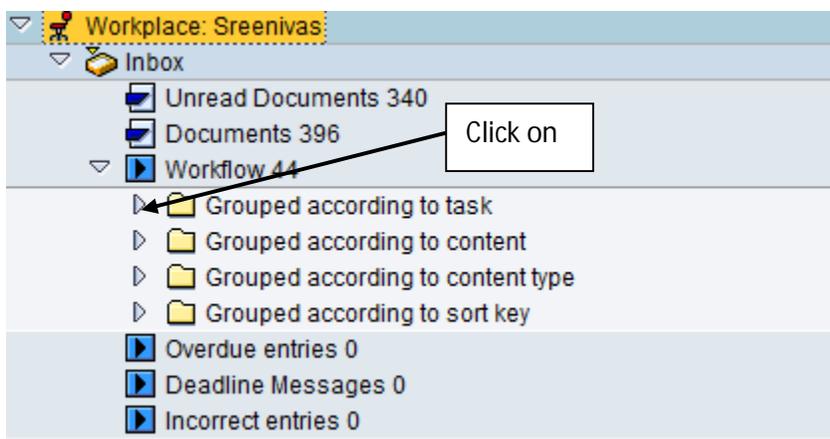
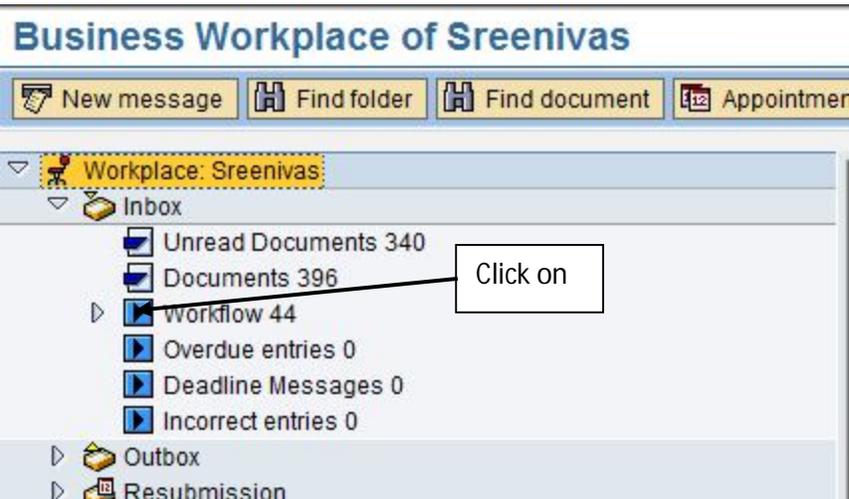
After Project completion and forwarded for capitalization or prior to capitalization (based on applicable scenario), Asset will be created (for scenarios where Equipment is linked to Asset) in FICO and Equipment is automatically generated.

Information of newly created Asset will be received by concerned maintenance planner / in charge in his SAP mail box through SAP mail containing all the details in Note sheet.

Maintenance planner / in charge can now check the created equipment details through below transactions

SAP Menu	SAP Menu----Office----Workplace
T Code	Type SBWP in Command Field and press 
User Menu	Select corresponding Node for SBWP / Workplace





Business Workplace of Sreenivas

New message Find folder Find document Appointment calendar Distribution lists

Workplace: Sreenivas

Inbox

- Unread Documents 340
- Documents 396
- Workflow 44
 - Grouped according to task
 - DMS Document Approval Decision
 - MM Workflow
 - Note Sheet**
 - Overall release of requisition
 - ZPM_ORDER
 - Grouped according to content
 - Grouped according to content type
 - Grouped according to sort key
 - Overdue entries 0
 - Deadline Messages 0
 - Incorrect entries 0
- Outbox
- Resubmission
- Private folders
- Shared folders
- Folders subscribed to
- Trash
- Shared trash

Note Sheet

Ex	Title	Status	Creation D...	Creation	Priority	Attachments	C...	W
	Note Sheet for WBS Element TP/10/00160.0 (24F OFC ROUTE NGP-PUNE)		07.09.2011	15:01:11	5			
	Note Sheet for WBS Element <<<PR999999999>>> []		07.09.2011	14:57:29	5			
	Note Sheet for WBS Element TP/10/00690.1.01 (OF Cable)		02.04.2011	10:44:28	5			
	Note Sheet for WBS Element TP/10/00690.1.01 (OF Cable)		01.04.2011	17:23:42	5			
	Note Sheet for WBS Element TP/10/00690.1 (HOP Nagpur To Mumbai)		01.04.2011	16:53:34	5			
	Note Sheet for WBS Element TP/10/00690.1 (HOP Nagpur To Mumbai)		01.04.2011	16:41:39	5			
	Note Sheet for WBS Element CM/1.1/10/00151.04		24.11.2010	16:17:22	5			
	Note Sheet for WBS Element CM/1.1/10/00151		24.11.2010	16:14:42	5			

Double click on the note sheet to know the details

Tips & tricks: Execute work item ...

Note Sheet for WBS Element TP/10/00160.0 (24F OFC ROUTE NGP-PUNE)

Description
No description available

Objects and attachments
No attachments or objects

In the below screen you will find the details of Project definition and WBS Details also you can find the documents if any are attached by clicking on Display Document.

Note Sheet For Project

Send Mail Open WBS View WBS **Display Document** Print Cost Report Approve Project Estimate

Project Reference

Project Def.	TP/10/00160.0	Project Description	24F OFC ROUTE NGP-PUNE
WBS Element	TP/10/00160.0	WBS Element Description	24F OFC ROUTE NGP-PUNE

Send Mail to: CC To: SAP User ID: SAP User ID:

Circle: 1061 Western Telecom Project
SSA / Area: 6106 WTP - MUMBAI (WMA)

Add Comments

Please Add the comments line wise

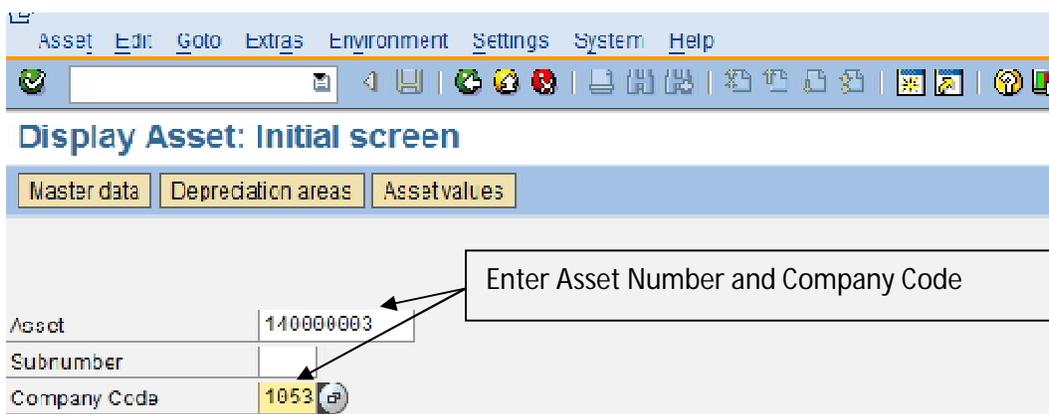
From: SSREE001, Manager Position, To: SSREE001, Manager Position, On 07/09/2011 15:01:11 hrs.

For the above project the Asset is created with asset number as 140000003

Display Asset Master to get Equipment Number Created

In the background Equipment is created for the asset. To view the Equipment created access the Transaction choosing one of the following navigation options

SAP Menu	Accounting----Financial Accounting---Fixed Asset---Asset---Display--Asset
T Code	Type AS03 in Command Filed and press 
User Menu	Select corresponding Node for AS03 / Display Asset



The screenshot shows the SAP Asset Master Initial screen. At the top, there is a menu bar with 'Asset', 'Edit', 'Goto', 'Extras', 'Environment', 'Settings', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area has three tabs: 'Master data', 'Depreciation areas', and 'Asset values'. The 'Master data' tab is selected. Below the tabs, there are three input fields: 'Asset' with the value '110000003', 'Subnumber', and 'Company Code' with the value '1053'. A callout box with the text 'Enter Asset Number and Company Code' has arrows pointing to the 'Asset' and 'Company Code' fields. At the bottom left, there is a 'Choose Enter' label with a checkmark icon.

Choose Enter 

Asset	140000003	Battery 1
Class	1400	Battery
		Company Code 1053

[General](#) | [Time-dependent](#) | [Allocations](#) | [Origin](#) | [Insurance](#) | [BSNL](#) | [Deprec. Areas](#)

General data

Description	Battery 1
Asset main no. text	Battery 1
Acct determination	1400 Battery
Serial number	
Inventory number	
Quantity	0.000

Manage historically

Inventory

Last inventory on		<input type="checkbox"/> Include asset in inventory list
Inventory note		

Click on Time-dependent Tab

Asset	140000003	Battery 1
Class	1400	Battery
		Company Code 1053

[General](#) | [Time-dependent](#) | [Allocations](#) | [Origin](#) | [Insurance](#) | [BSNL](#) | [Deprec. Areas](#)

Interval from 01.01.1900 to 31.12.9999

Business Area	5302	STR - BANGALORE
Cost Center	5302112	MPLS Core
Plant		
Room		

Asset shutdown

 **More Intervals**

Click on Allocations Tab

Asset 140000003 Battery 1
 Class 1400 Battery Company Code 1053

General Time-dependent **Allocations** Origin Insurance BSNL Deprec. Areas

Allocations

Evaluation group 1

Evaluation group 2

Evaluation group 3

Evaluation group 4

Legacy GL accounts

Asset super number

Integration of assets and equipment

Create/change equip. from asset master record

WF	Sync	Equipment number	C...	Object type	Description of technical object
<input type="checkbox"/>	<input checked="" type="checkbox"/>	102000001715	B		Battery 1
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				

No. 1 Create Entry 1 Frm 1

Equipment Number:
Created in the Back ground while creating an asset in FICO

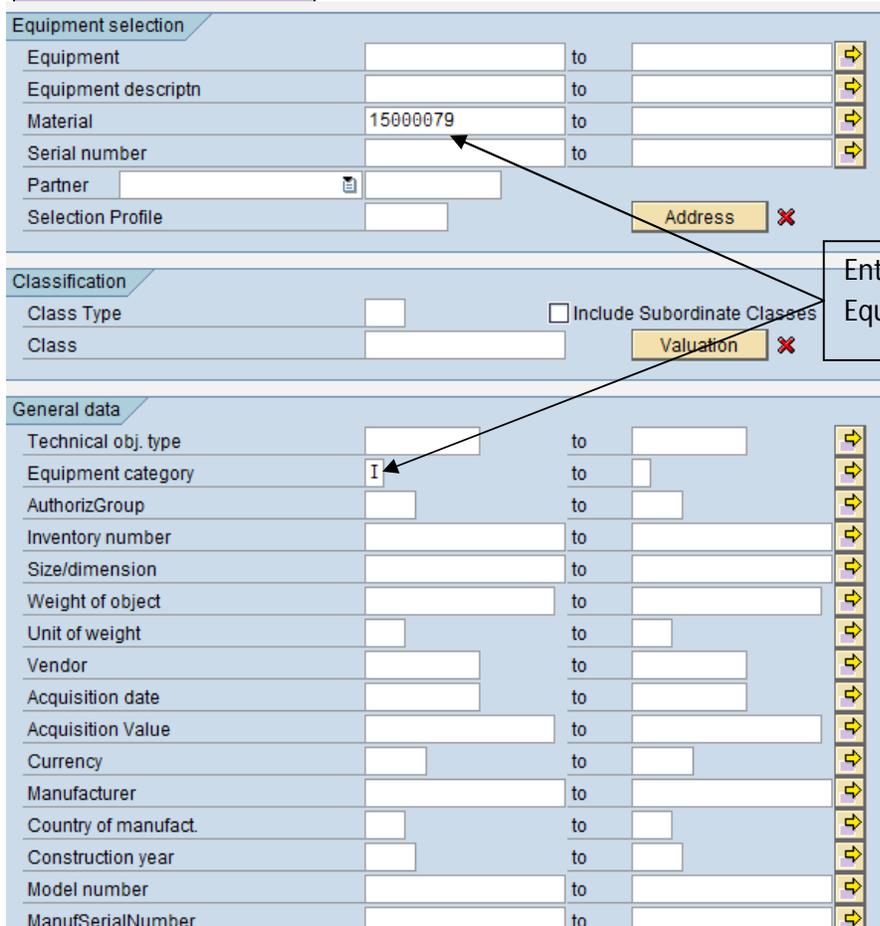
Master Data Details / Specifications for the equipment need to be maintained with respect to maintenance perspective for the equipment created.

To Maintain the Further data / Details for Equipment follow the process steps listed at [“Equipment data maintenance”](#) section

Serialized Equipment

To view the list of Equipments created through the process of Serialization choose one of the below navigation options

SAP Menu	Logistics---Plant Maintenance----Management of technical objects----Serial Numbers----List Editing----Change
Transaction Code	Type IQ08 in Command Field and click on
User Menu	Select corresponding Node for IE02/Change Equipment



Equipment selection

Equipment to 

Equipment descriptn to 

Material 15000079 to 

Serial number to 

Partner 

Selection Profile  Address 

Classification

Class Type Include Subordinate Classes

Class  Valuation 

General data

Technical obj. type to 

Equipment category I to 

AuthorizGroup to 

Inventory number to 

Size/dimension to 

Weight of object to 

Unit of weight to 

Vendor to 

Acquisition date to 

Acquisition Value to 

Currency to 

Manufacturer to 

Country of manufact. to 

Construction year to 

Model number to 

ManufSerialNumber to 

Enter the Material Number, Equipment Category and Plant

Serial number selection

Plant	5302	to	
Storage Location		to	
Batch		to	
Current customer		to	
Spec. stock customer		to	
Special stock vendor		to	
Sales Order		to	
Sales Order Item		to	
WBS Element		to	
Stock Type (Primary Posting)		to	
Special Stock		to	
Stock batch		to	
Configurable material		to	

Referenced configuration

Equipment Created automatically through Serialization process

Press F8 key on the keyboard or click on 

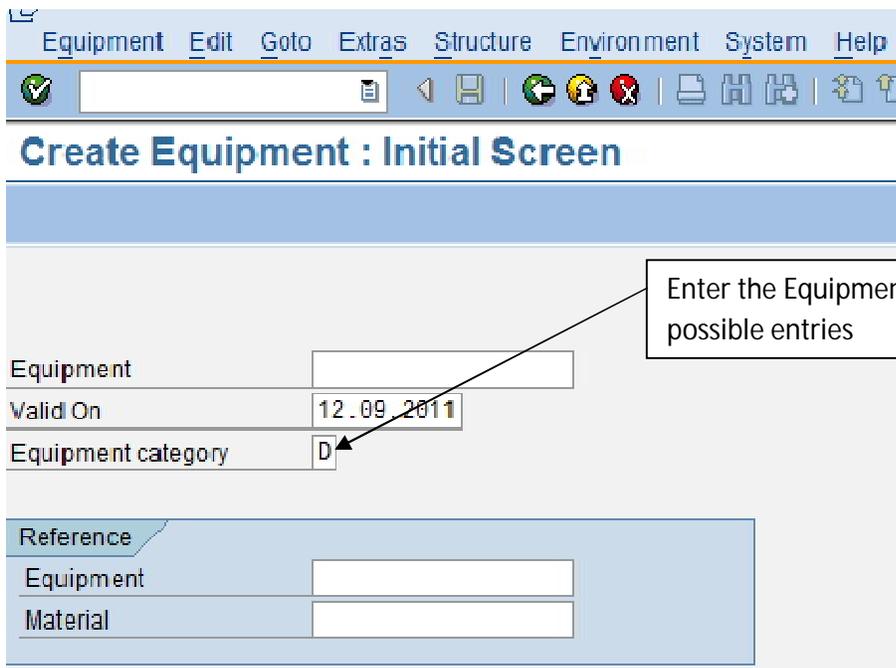
S	Material	Descr.	Descri...	Serial number	Plant	SLoc	SysStat...	Equipment	S
	15000079	Server	Server	108000000135	5302	2100	ESTO	108000000135	
	15000079	Server	Server	108000000137	5302	2100	ESTO	108000000137	

To Maintain the Further data / Details for Equipment follow the process steps listed at ["Equipment data maintenance"](#) section

Equipment not linked to Asset or Non Serialized

Equipment not linked to asset or not serialized is to be created manually through below transaction(s)

SAP Menu	Logistics----Plant Maintenance---Management of Technical Objects---Equipment----Create
T Code	Type IE01 in Command Field and press 
User Menu	Select corresponding Node for IE01/Create Equipment



The screenshot shows the SAP 'Create Equipment : Initial Screen' interface. At the top, there is a menu bar with 'Equipment', 'Edit', 'Goto', 'Extras', 'Structure', 'Environment', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area contains several input fields:

- Equipment**: An empty text input field.
- Valid On**: A date input field containing '12.09.2011'.
- Equipment category**: A dropdown menu with 'D' selected. A callout box points to this field with the text: "Enter the Equipment Category from the possible entries".
- Reference**: A section with two input fields:
 - Equipment**: An empty text input field.
 - Material**: An empty text input field.

Click on 

Equipment Edit Goto Extras Structure Environment System Help

Class overview Measuring points/counters

Equipment: TM0000000001IE Category: D Data Network Equipment
 Description: Data network equipment Intern.note
 Status: AVLB AVLB
 Valid From: 12.09.2011 Valid To: 31.12.9999

General Location Organization Structure Class and Docs Warra...

General data

Class:
 Object type: MODULE MODULE
 Weight: 500.000 G Size/dimension:
 Inventory no.: 2011/001 Start-up date: 08.09.2011

Manufacturer data

Manufacturer: XYZ ManufCountry: IN
 Model number: AS500 Constr.yr/mth: 2011 / 09
 ManufPartNo.: 90001
 ManufSerialNo.: 1002

Maintain all the relevant data for new Equipment in all Tabs

Click on  to save the equipment, System will internally generate a number for this equipment.

Create Equipment : Initial Screen

Equipment

Valid On

Equipment category Data Network Equipment

Reference

Equipment

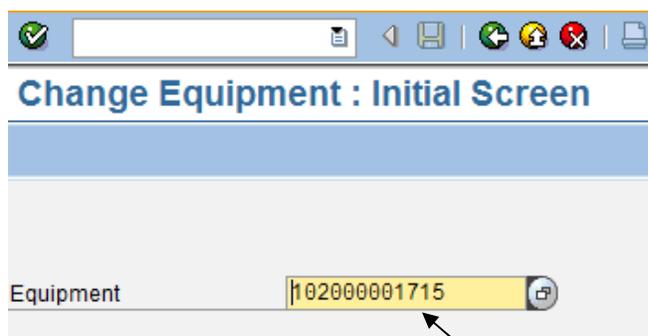
Material

After all the data is maintained all the Tabs, when you saved the equipment the system will prompt a message that "Equipment is created with the number XXXXXXXXXXXXX"

✔ Equipment created with the number 104000000538

Equipment data maintenance

SAP Menu	Logistics----Plant Maintenance---Management of Technical Objects---Equipment----Change
T Code	Type IE02 in Command Field and press 
User Menu	Select corresponding Node for IE02/Change Equipment



Enter the Equipment Number

Press Enter or Click on 

General Data:

Change Equipment : General Data

Class overview Measuring points/counters

Equipment 102000001715 Category B Battery
 Description Battery 1 Intern.note
 Status AVLB AVLB
 Valid From 04.04.2011 Valid To 31.12.9999

General Location Organization Structure Class and Docs Warra...

General data

Class
 Object type BATT BATTERY
 Weight 500 KG Size/dimension 1000X200X500
 Inventory no. Start-up date 07.09.2011

Manufacturer data

Manufacturer Amara raja Batteries ManufCountry IN
 Model number 1200 Constr.yr/mth 2011 / 08
 ManufPartNo. 120789
 ManufSerialNo. 2011/12345

Location Data:

Click on "Location" Tab

Change Equipment : Location

Class overview Measuring points/counters

Equipment 102000001715 Category B Battery
 Description Battery 1 Intern.note
 Status AVLB AVLB
 Valid From 04.04.2011 Valid To 31.12.9999

General **Location** Organization Structure Class and Docs Warra...

Location data

MaintPlant 5303 STSR - CHENNAI
 Location
 Room AC ROOM
 Plant section ITE IT
 ABC indic. B Major
 Sort field

Organization Data:

Click on “**Organization**” Tab

Change Equipment : Organization

Class overview Measuring points/counters

Equipment 102000001715 Category B Battery
 Description Battery 1 Intern.note
 Status AVLB AVLB
 Valid From 04.04.2011 Valid To 31.12.9999

General Location **Organization** Structure Class and Docs Warra...

Account assignment

Company Code 1053 Southern Telecom Region Chennai
 Business Area 5303 STR - CHENNAI
 Asset 140000003 / 0 Battery 1
 Cost Center 5302112 / 1000 MPLS Core
 WBS Element
 StandgOrder
 SettlementOrder

Responsibilities

Planning plant 5303 STSR - CHENNAI
 Planner group 301
 Main WorkCtr 00104380 / 5303
 Catalog profile PMCP014

Structure Data:

Click on “**Structure**” Tab and maintain relevant data and installation

Change Equipment : Structure

Class overview Measuring points/counters

Equipment 102000001715 Category B Battery
 Description Battery 1 Intern.note
 Status AVLB AVLB
 Valid From 04.04.2011 Valid To 31.12.9999

General Location Organization **Structure** Class and Docs Warra...

Structuring

Functional loc.
 Description
 Superord.Equip.
 Description
 Position
 TechIdentNo.
 ConstType

Click on Change Instloc.

Equipment

Pos.	Equipment	Sb-Eq	Description	EqmtType	Mfr
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			

You will get one pop up window from where u will find the Functional locations to install this equipment

Place the cursor on Functional Location Field and press F4 key in the key board, you will get the below pop-up window.

Enter the Maintenance Plant and press Enter

You will get the below list (List of Functional Locations Available)

Functional Location (1) 181 Entries found

Uppermost FunctLocations by location Location list Address

Functional Location	Description of functional location	Plnt	Cost Ctr
1053-03-5303-13-O01	OFC OUTDOOR CHINGLEPET	5303	
1053-03-5303-13-O01-0001	C DTS KCM UTTIRAMERUR	5303	
1053-03-5303-13-O01-0002	DTS MADURANTHAGAM	5303	
1053-03-5303-13-O01-0003	OD CHINGLEPET	5303	
1053-03-5303-13-S01	SATELLITE CHINGLEPET	5303	
1053-03-5303-13-S01-0001	DE SAT CHINGLEPUT	5303	
1053-03-5303-13-S01-0002	C BAND EARTH STATION CHINGLEPET	5303	
1053-03-5303-14	DE TRANSMISSION MTCE - CUDDALORE	5303	
1053-03-5303-14-D01	DTS CHIDAMBARAM	5303	
1053-03-5303-14-D01-0001	DTS CHIDAMBARAM	5303	
1053-03-5303-14-D02	DTS CUDDALORE	5303	
1053-03-5303-14-D02-0001	DTS CUDDALORE	5303	
1053-03-5303-14-D03	DTS VILLUPURAM	5303	
1053-03-5303-14-D03-0001	DTS VILLUPURAM	5303	
1053-03-5303-14-O01	OFC OUTDOOR CUDDALORE	5303	
1053-03-5303-14-O01-0001	DTS CDL NEYVELI	5303	
1053-03-5303-14-O01-0002	DTS VDC VEPPUR	5303	
1053-03-5303-14-O01-0003	DTS VIRDHACHALAM	5303	
1053-03-5303-14-O01-0004	OD CUDDALORE	5303	
1053-03-5303-14-O02	OFC OUTDOOR VILLUPURAM	5303	
1053-03-5303-14-O02-0001	DTS ARAKANDANALLUR	5303	
1053-03-5303-14-O02-0002	DTS GINGEE	5303	
1053-03-5303-14-O02-0003	DTS KALLAKURICHI	5303	
1053-03-5303-14-O02-0004	DTS ULUNDURPET	5303	
1053-03-5303-14-O02-0005	OD VILLUPURAM	5303	
1053-03-5303-15	DE TRANSMISSION MTCE - DHARMAPURI	5303	
1053-03-5303-15-D01	DIGITAL TRANSMISSION STATION - DHARMAPUR	5303	
1053-03-5303-15-D01-0001	DTS DHARMAPURI	5303	
1053-03-5303-15-D02	DTS KRISHNAGIRI	5303	
1053-03-5303-15-D02-0001	DTS KRISHNAGIRI	5303	
1053-03-5303-15-D03	OFC OUTDOOR DHARMAPURI	5303	
1053-03-5303-15-D03-0001	DTS DPI PENNAGARAM	5303	

From the above functional Locations List select the suitable one by double clicking on it.

After double clicking on the selected Functional Location, Functional Location Field in the pop-up window is filled with selected Functional Location as below.

Change Equipment Installation Location

Functional loc. 1053-03-5303-05-C01

Superord.Equip.

Position

InstDismTime 07.09.2011 16:21:27

Click on the Enter Button

Change Equipment : Structure

Class overview Measuring points/counters

Equipment 10200001715 Category B Battery

Description Battery 1

Status INST INSR

Valid From 04.04.2011 Valid To 31.12.9999

General Location Organization Structure Class and Docs Warra...

Structuring

Functional loc. 1053-03-5303-05-C01

Description COMPUTER GMM OFFICE CHENNAI

Superord.Equip.

Description

Position

TechIdentNo.

ConstType

Equipment

Pos.	Equipment	Sb-Eq	Description	EqmtType	Mfr	
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				

Class and Docs Data:

Click on Class and Docs Tab

Change Equipment : Class and Docs

Class overview Measuring points/counters

Equipment: 102000001715 Category: B Battery
 Description: Battery 1 Intern.note
 Status: INST INSR
 Valid From: 04.04.2011 Valid To: 31.12.9999

General Location Organization Structure **Class and Docs** Warra...

Linked Documents

Current version
 All versions

Ty.	Document	DPT	Vr	Description

To Assign a Class click on Class overview

Change Equipment : Classification

Object

Equipment: 102000001715 Battery 1
 Class Type: 002 Equipment Class

Assignments

Class	Description	Sta	S	Icon	Itm
BATTERYBACKUP		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		

Entry / 12

In the above screen enter the class and press enter key on the key board, the screen appears like below.

Change Equipment : Classification

Object

Equipment: 102000001715 Battery 1

Class Type: 002 Equipment Class

Assignments

Class	Description	Sta	S	Icon	Itm
BATTERYBACKUP	battery backup	<input type="checkbox"/>	1	✓	10

Entry: 1 / 1

Values for Class BATTERYBACKUP - Object 102000001715

General

Characteristic Description	Value
battery capacity	2,000 AH
load	

Inconsistent

Warranty and Partner Data:

Click on “Warranty and Partner” Tab and maintain the required data

Change Equipment : Warranty and Par

Class overview Measuring points/counters

Equipment	102000001715	Category	B	Battery
Description	Battery 1	Intern.note		
Status	INST	INSR	i	
Valid From	04.04.2011	Valid To	31.12.9999	

Organization Structure Class and Docs Warranty and Partner Equip...

AMC Data

Start Date	07.09.2011	End Date	07.09.2012
Master Doc			
<input checked="" type="checkbox"/> Inherit		<input checked="" type="checkbox"/> Pass On	
Check status ✓			

Warranty Data

Start Date	07.09.2011	End Date	07.09.2012
Master Doc			
<input checked="" type="checkbox"/> Inherit		<input checked="" type="checkbox"/> Pass On	
Check status ✓			

Partners

Funct	Partner	Name	A Address

Once all the details are filled in all the tabs for an Equipment Click on Save Button

Create the below master data for the new Equipment (as applicable)

Create Equipment BOM

SAP Menu	SAP Menu----Logistics----Plant Maintenance----Management of Technical Objects----Bill of Material----Equipment BOM----Create
T Code	Type IB01 in Command Field and click on the Enter button 
User Menu	Select corresponding Node for IB01/Create Equipment BOM

Create equipment BOM: Initial Screen

Equipment: 

Plant:

BOM Usage: Plant Maintenance

Validity
 Change Number:
 Valid From:

Enter the equipment Number, Plant and BOM usage

Once all the details are given press the enter button on the keyboard, you will find the below screen: Create Equipment BOM: General Item Overview

Create equipment BOM: General Item Overview

Equipment: 102000001715 Battery 1
Plant: 5303 STSR - CHENNAI

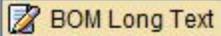
Subitems | New entries | Header | Validity

Enter Item Category, Component and qty required

Item	ICt	Component	Component description	Quantity	Un	As	Sl	Valid From	Valid to
0010	L	12004721	ANCHOR	2	NOS	<input type="checkbox"/>	<input type="checkbox"/>	07.09.2011	31.12.9999
0020	L	13000141	PAINT	1	L	<input type="checkbox"/>	<input type="checkbox"/>	07.09.2011	31.12.9999
0030						<input type="checkbox"/>	<input type="checkbox"/>		
0040						<input type="checkbox"/>	<input type="checkbox"/>		
0050						<input type="checkbox"/>	<input type="checkbox"/>		

Once all the details are given click on the Header Button you will find the below screen: Create Equipment BOM: Header Overview

Create equipment BOM: Header Overview

 Item	 BOM Long Text	
Equipment	102000001715	Battery 1
Plant	5303	STSR - CHENNAI
BOM	INTERNAL	
BOM Usage	4	Plant Maintenance
Technical type		
BOM group		

Quants/long txt	Further data	Admin. data	Doc. assignment
-----------------	--------------	-------------	-----------------

BOM and alternative text	
BOM text	

Quantity data	
Base quantity	1 <input type="text"/> ST

Validity	
Change Number	<input type="text"/>
Valid From	07.09.2011
<input type="checkbox"/> Deletion Indicator	
BOM status	1
Authorization group	<input type="text"/>
<input type="checkbox"/> Deletion Flag	

In the above screen the most Important is Base quantity with relation to Item qty.

After all the details are given correctly click on save button to complete the Equipment BOM, once the equipment is saved system will give message that BOM is created for Equipment.

Create equipment BOM: Initial Screen

  Equipment BOM ...  Material BOM ...  Create variant of...

Equipment 

Plant STSR - CHENNAI

BOM Usage Plant Maintenance

Validity

Change Number

Valid From

 BOM created for equipment 102000001715

Create Measuring Point

SAP Menu	SAP Menu----Logistics----Plant Maintenance----Management of Technical Objects----Environment----Measuring Points----Create
T Code	Type IK01 in Command Field and click on the Enter button 
User Menu	Select corresponding Node for IK01 / Create Measuring Point



Create Measuring Point: Initial screen

MeasPointObject Equipment

Equipment

Description

MeasPtCategory 

MeasPoint is counter

Select the Measuring Point Object , Enter the Equipment and select the Measuring point Category

Click on 

Create Measuring Point: General Data

Additional Data... Last Measurement Document...

Measuring point: 20372 Cat. C Condition Monitoring

MeasPosition: ON BATTERY

Description: Battery power checking

Equipment: 102000001715

Description: Battery 1

General data

Characteristic: AMPHOUR

CharactUnit: MeasPoint is counter

Decimal places: 0

Code group: CBM ValCode sufficient

Target value

Target value: + 100

Text:

Click on Additional Data to maintain upper and lower range limits

Additional Data

Measurement Range Limits

Upper range limit +_200

Lower range limit 0

MeasurmntRangeUnit YR Years

Transmission of Measurement and Counter Readings

Transfer supported

Structure History

Propose Assignment

Assign Manually

Cancel

Reading trans. fr.

Valid from

Measurement position

Description

Description

Then click on 

Finally save 

System will generate an internal number for the Measuring point.

  **Create Measuring Point: Initial screen**



MeasPointObject Equipment
Equipment 
Description
MeasPtCategory Condition Monitoring

MeasPoint is counter

 Measuring point 20372 created

Create Equipment Task List

SAP Menu	SAP Menu----Logistics----Plant Maintenance----Preventive Maintenance--- Work Scheduling----Task Lists----For Equipment----Create
T Code	Type IA01 in Command Field and click on the Enter button 
User Menu	Select corresponding Node for IA01 / Create Equipment Task List

Create Equipment Task List: Initial Screen

 Task list

Equipment 

User defaults

Profile

Change Number

Key date

Enter the Equipment Number

Click on 

Create Equipment Task List: Header General View

Equipment 102000001715 Battery 1
 Group 7381 Battery 1

Group: 7381
 Group Counter: 1 Battery 1
 Planning plant: 5303

Assignments to Header

Work center: /
 Usage: 4 Plant maintenance
 Planner group: MNT PM: Maintenance Incharge
 Status: 4 Released (general)

Maintenance strategy:

Deletion flag

QM Data

Inspection points:

After all the details are entered click on Operation

Create Equipment Task List Operation Overview

Equipment 102000001715 Battery 1
Group 7381 Battery 1 Grp.Countr 1

OpAc	SOp	Work ctr	Plnt	Ctrl	Operation Description	LT	Work	Un.	No.	Duration	Un.
0010		D010649D	5303	PM01	Water filling	<input type="checkbox"/>	2.0	HR	1	2.0	HR
0020		D010649D	5303	PM01	Cleaning	<input type="checkbox"/>	1.0	HR	1	1.0	HR
0030			5303	<input checked="" type="checkbox"/>		<input type="checkbox"/>		HR			HR
0040			5303			<input type="checkbox"/>		HR			HR
0050			5303			<input type="checkbox"/>		HR			HR
0060			5303			<input type="checkbox"/>		HR			HR
0070			5303			<input type="checkbox"/>		HR			HR
0080			5303			<input type="checkbox"/>		HR			HR
0090			5303			<input type="checkbox"/>		HR			HR
0100			5303			<input type="checkbox"/>		HR			HR
0110			5303			<input type="checkbox"/>		HR			HR
0120			5303			<input type="checkbox"/>		HR			HR
0130			5303			<input type="checkbox"/>		HR			HR
0140			5303			<input type="checkbox"/>		HR			HR
0150			5303			<input type="checkbox"/>		HR			HR
0160			5303			<input type="checkbox"/>		HR			HR
0170			5303			<input type="checkbox"/>		HR			HR
0180			5303			<input type="checkbox"/>		HR			HR
0190			5303			<input type="checkbox"/>		HR			HR
0200			5303			<input type="checkbox"/>		HR			HR
0210			5303			<input type="checkbox"/>		HR			HR

Components Rel PRT SPack. Insp.Char Entry 1 / 3

Select the operation and click on **Components** to assign the required components – if applicable

Component Overview

Equipment 102000001715 Battery 1
Group 7381 Battery 1 Grp.Countr 1

Operation/Activity 0010 Water filling

Component Selection Catalog

Material	Quantity	Un	B	M	Component Description	ICt
			<input type="checkbox"/>			
			<input type="checkbox"/>			
			<input type="checkbox"/>			
			<input type="checkbox"/>			
			<input type="checkbox"/>			
			<input type="checkbox"/>			
			<input type="checkbox"/>			
			<input type="checkbox"/>			

Click on Component Selection to select the materials from Equipment BOM

Select the required Material from the below, Double click on the required material it will automatically copied to the component overview screen

Create Equipment Task List: Structure List

Equipment: 102000001715 Valid from 08.09.2011
Description: Battery 1

102000001715 Battery 1 B

12004721	ANCHOR	L	2	NOS
13000141	PAINT	L	1	L

Double click on the required material it will automatically copied to the component overview screen

After the Material gets copied the Component overview screen is looks as below

Component Overview

Equipment 102000001715 Battery 1
Group 7381 Battery 1 Grp.Countr 1

Operation/Activity 0010 Water filling

Component Selection Catalog

Material	Quantity	Un	B	M	Component Description	ICt	Assembly	Sort	Item	C.
13000141	1.000	L	<input type="checkbox"/>	<input type="checkbox"/>	PAINT	L			0020	X
			<input type="checkbox"/>	<input type="checkbox"/>						
			<input type="checkbox"/>	<input type="checkbox"/>						
			<input type="checkbox"/>	<input type="checkbox"/>						

If you want to select the required Materials other than from the Equipment BOM,
Place the cursor on the material field and press F4 you will get the below pop-up window

Material Number (1)

Material by Material Type | Material by Supply Area | Plant Material by Description

Material description

Language Key = EN

Material

Plant = 5303

Maximum No. of Hits 500

Enter the Plant and click on

You will get the list of all the materials available in that plant

Material description	Language	Material	Pint
AC UNIT	EN	15000512	5303
FDF WITH SC-PC ADOPTER -12 FIBER	EN	50000164	5303
FDF WITH SC-PC ADOPTER -24 FIBER	EN	50000165	5303
FDF WITH SC-PC ADOPTER -6 FIBER	EN	50000163	5303
OFC 12F	EN	12005769	5303
PAINT	EN	13000141	5303
WHITE ENVELOPE 24X11CM-PURCHASE	EN	16000644	5303
0-DB SC TYPE ADAPTERS	EN	12001341	5303
0-DB SC TYPE ADAPTERS	EN	12001375	5303
1.2 M ANTENNA ACCESSORIES-IPSTAR / PRODE	EN	12011568	5303
1.8 M ANTENNA ACCESSORIES-IPSTAR / PRODE	EN	12011569	5303
10/100 BASE FX INTERFACE CARD (TEJAS)	EN	12006999	5303
1000 BASE LH INTERFACE CARDS (TEJAS)	EN	12006998	5303
10DB LC TYPE ATTENUATOR	EN	12001349	5303
10DB LC TYPE ATTENUATOR	EN	12001382	5303
10DB SC TYPE ATTENUATOR	EN	12001348	5303
10DB SC TYPE ATTENUATOR	EN	12001381	5303
10G BASE LW TRANSPONDER IEEE 802.AE	EN	12001076	5303
11 KV CABLE ROUTE INDICATOR	EN	14000567	5303
11M ANTENNA-ECIL	EN	12011570	5303
120-SQMM DC CABLE	EN	12001387	5303
12F OFC CABLE	EN	12000568	5303
12F OFC CABLE	EN	12001361	5303
12F OFC CABLE	EN	12001396	5303
12F STRAIGHT JOINT CLOSURE	EN	12001414	5303
140 MBPS DTA (PDH)	EN	12011571	5303
16-PIN PROGRAMABLE EPROMS	EN	12000171	5303
17 DBI, X POLAR, 65 DEG, DUAL BAND	EN	12004149	5303
1N 5832	EN	12006670	5303

Double click on the material which you want to include in the Task list component overview

Once all the entries are completed go back (F3) or click on  and click on save 



Create Equipment Task List: Initial Screen

Task list

Equipment

User defaults

Profile	<input type="text" value="BSNL"/>
Change Number	<input type="text"/>
Key date	<input type="text" value="08.09.2011"/>

Equipment task list 102000001715 saved

Create Maintenance Plan

SAP Menu	SAP Menu---Logistics---Plant Maintenance---Preventive Maintenance---Maintenance Planning---Maintenance Plans---Create---Single cycle plan / Strategy Plan / Multiple Counter Plan / For Service Procurement
T Code	Type IP01 in command filed and click on the 
User Menu	Select corresponding Node for IP01 / Create Maintenance Plan



Create Maintenance Plan: Initial

Maintenance plan

Maint. plan cat.

Strategy

Multiple cntr

Cycle set

Select the Maintenance plan category from drop down

Type the Strategy if the Maintenance plan is Strategy based plan

Select if the plan is counter based

Click on Enter 

Create Maintenance Plan: Strategy plan

Maintenance plan

Maint. plan head...

Maintenance plan cycle 08.09.2011

Maintenance plan scheduling parameters

Maintenance plan additional data

Cycles			
Cycle	Unit	Maintenance cycle text	Offset
	1 MON	One Month	0
	6 MON	six monthly	0

Item

Item location

Cycle item 08.09.2011

Maintenance Item

Reference object

Functional loc.

Equipment **Battery 1**

Enter the Equipment for which you want create the plan, Enter the notification type, Main work Centre, Planner group and select the priority

Planning data

Planning plant STBR - CHENNAI

Planner group CHENNAI GMM

Notifictn type Breakdown Maint.

Priority

Main WorkCtr / CHIDAMBARAM DTS MTCE TEAM

Sales Document /

Determine tasks

Click on the “Maintenance scheduling parameters” Tab

Create Maintenance Plan: Strategy plan

Maintenance plan

Maint. plan head...

Maintenance plan cycle 08.09.2011 **Maintenance plan scheduling parameters** Maintenance plan additional data

Date determination		Call control parameter		Scheduling indicator	
Shift Factor Late Compl.	<input type="text" value="100"/> %	Call horizon	<input type="text" value="90"/> %	<input checked="" type="radio"/> Time	
Tolerance (+)	<input type="text" value="10"/> %	Scheduling period	<input type="text" value=""/> DAY	<input type="radio"/> Time - key date	
Shift Factor Early Compl.	<input type="text" value="100"/> %	<input type="checkbox"/> Completion Requirmnt		<input type="radio"/> Time - factory caldr	
Tolerance (-)	<input type="text" value="10"/> %				
Cycle modification factor	<input type="text" value="1.00"/>				
Factory calendar	<input type="checkbox"/>				
		Start scheduling			
		Start of cycle		<input type="text" value="08.09.2011"/>	

Enter Scheduling Start date

Item Item location Cycle item 08.09.2011

Maintenance Item

Reference object

Functional loc.

Equipment Battery 1

Planning data

Planning plant STSR - CHENNAI Planner group CHENNAI GMM

Notifictn type Breakdown Maint. Priority

Main WorkCtr / CHIDAMBARAM DTS MTCE TEAM

Sales Document /

Determine tasks

Click on the “Maintenance plan additional data” Tab

Create Maintenance Plan: Strategy plan

Maintenance plan: 101000008087 Battery Maintenance

Maint. plan head...

Maintenance plan scheduling parameters | **Maintenance plan additional data** | Maintenance plan schedul...

Sort field: 5311 STSR - CHENNAI TAX NMS

Authorization Group:

Maint. plan cat.: NO PM Notification

Strategy: PM0002 Time Based Maintenance

Key Date: 12.09.2011

Item | Item location | Schedule call item | Cycle item 12.09.2011

Maintenance Item: 10610 Battery Maintenance

Reference object

Functional loc.:

Equipment: 102000001715 Battery 1

Planning data

Planning plant: 5303 STSR - CHENNAI | Planner group: 201 CHENNAI GMM

Notifictn type: B2 Breakdown Maint. | Priority: 2 Major

Main WorkCtr: D010649D / 5303 CHIDAMBARAM DTS MTCE TEAM

Sales Document: /

Determine tasks

Click on Save 

Create Maintenance Plan: Initial

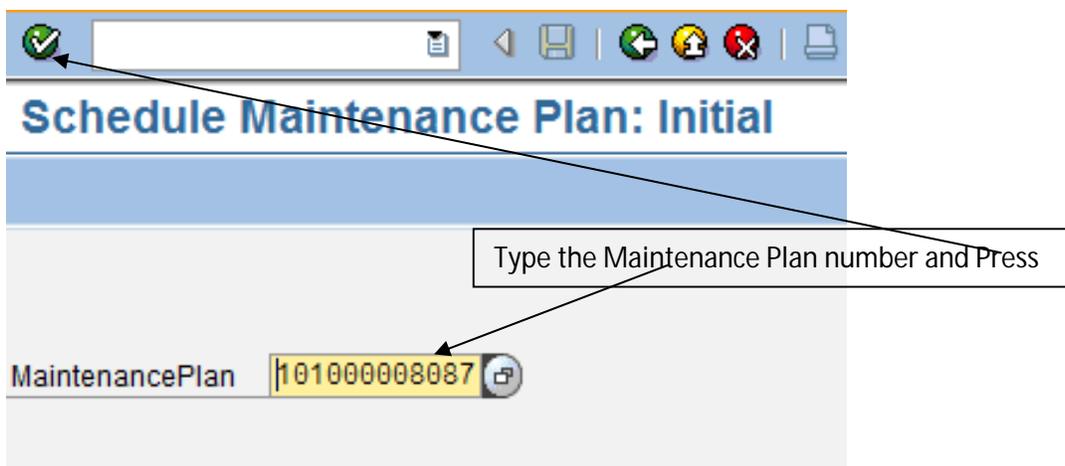
Maintenance plan	<input type="text"/>
Maint. plan cat.	PM Notification 
Strategy	PM0002

System will generate one internal number for this plan

 Maintenance plan 101000008087 created

Schedule Maintenance Plans

SAP Menu	SAP Menu---Logistics---Plant Maintenance---Preventive Maintenance---Maintenance Planning---Maintenance Plans---Scheduling Maintenance Plans----Schedule
T Code	Type IP10 in Command Field and click on 
User Menu	Select corresponding Node for IP10 / Schedule Maintenance Plans



Schedule Maintenance Plan: Initial

MaintenancePlan

System will prompt a message saying that
Maintenance plan XXXXXXXXXXXX scheduled

✓ Maintenance plan 101000008087 scheduled

Deadline Monitoring

SAP Menu	SAP Menu---Logistics---Plant Maintenance---Preventive Maintenance---Maintenance Planning---Maintenance Plans---Scheduling Maintenance Plans----Deadline Monitoring
T Code	Type IP30 in Command Filed and click on 
User Menu	Select corresponding Node for IP30 / Deadline Monitoring

Deadline Monitoring for Maintenance Plans (Batch Input IP10)

Deadline monitoring for maintenance plans

Maintenance Plan	101000008087	to		
Maint. plan cat.		to		
MaintPlan sort field	5311	to		
Maintenance strategy		to		

Interval for Call Objects DAY

Rescheduling incl.

Immediate start for all

Enter the Maintenance plan, Sort field and set the Time period for interval for call

Click on 

Display logs

Technical Information

Date/Time/User	Numb	External ID	Object txt	Sub-object text	Tran	Program
08.09.2011 13:37:56 GANVA001	3	IP1020110908	Application Log ...		IP30	RISTRA20
Problem class Other	3					Program

Ty...	Message Text	LTxt
Execution date reset according to priority		?
Notification 102000026882 saved		
Maintenance plan 101000008087 scheduled		

With above data maintained, equipment is now ready to enter any transactions with respect to various maintenance activities (Preventive, Corrective, Breakdown maintenance etc.)

Subsequent Equipment Master Data can be maintained, whenever there is change in the data is identified.