

SAP PM – How to Create Cycle Sets in SAP

In this [SAP PM tutorial](#), you will learn how to create cycle sets in SAP step by step using t-code IP11Z.

How to create cycle sets in SAP

In this activity you create cycle sets in SAP PM which are used for multiple counter based on maintenance planning.

Navigation

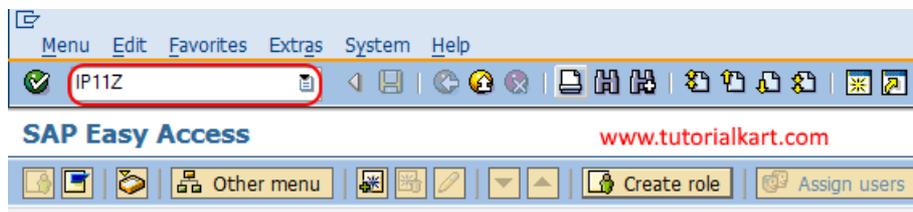
You can maintain cycle set in SAP PM by using one of the following navigation method.

Transaction Code	IP11Z
SAP Menu Path	Logistics > Plant Maintenance > Maintenance Planning > Cycle sets > Change

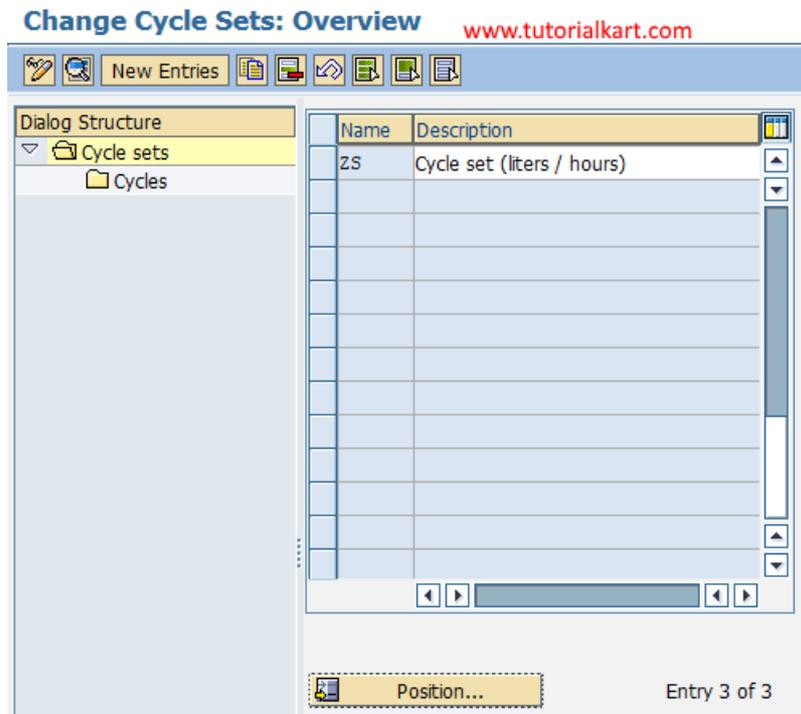
Configuration Steps

Perform the following configuration steps for creating the cycle set in SAP plant maintenance module.

Step 1 : Execute t-code “IP11Z” in SAP command field as shown below image.

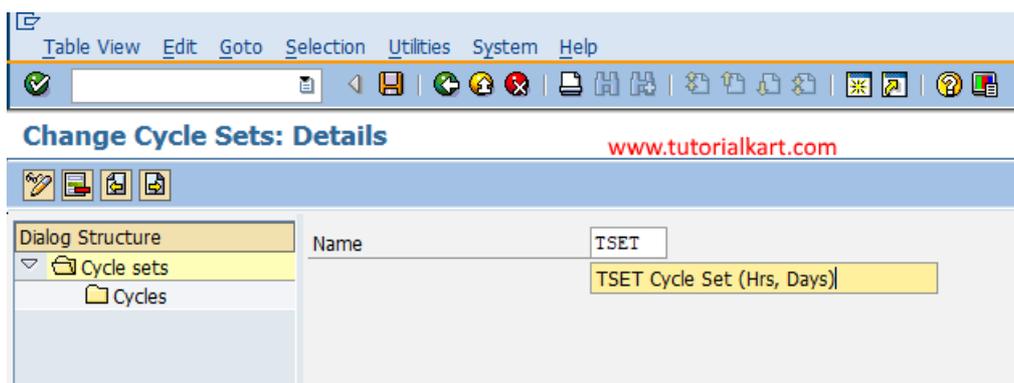


Step 2 : On change cycle sets overview screen, click on new entries button to create new cycle set as per the requirements of an organization.



Step 3 : On change cycle sets details screen, update the following details.

- Name : Update the name of cycle set and its description in the given fields.



Click on save button and save the configured cycle set in SAP.

Step 4 : Now double click on cycles folder which is on left side under dialog structure. On change cycle overview screen, click on new entries button.

Change Cycles

The screenshot shows the SAP 'Change Cycles' dialog. The 'Name' field is 'TSET' and the 'Description' is 'TSET Cycle Set (Hrs, Days)'. A table with the following columns is visible: Pa..., Cycl.length, Unit, Maintenance cycle text, Cy..., Offset, and Of... The table is currently empty.

Update the following details.

- Package No : Update the package number with the serial number as 1, 2, ,3... etc.
- Cycle Length : It refers to the cycle period, you can update the cycle length in days and hours.
- Unit : Unit of cycle length.
- Maintenance cycle text : Update the short text of cycle like operating hours, operating days, etc.
- Cycle Short text : Update two digits key that defines as cycle short text and can be used for assignment.

Change Cycles

The screenshot shows the SAP 'Change Cycles' dialog with data entered in the table. The 'Name' field is 'TSET' and the 'Description' is 'TSET Cycle Set (Hrs, Days)'. The table has the following columns: Package..., Cycl.length, Unit, Maintenance cycle text, Cycle ShortText, Offset, and Of... The data entered is as follows:

Package...	Cycl.length	Unit	Maintenance cycle text	Cycle ShortText	Offset	Of...
1		300 H	Operating Hours	1K		
2		30 D	Operating Days	1M		

After maintaining all the required details for cycle set in SAP, choose save icon and save the configured data.

Successfully we have maintained cycle set in SAP PM module.

SAP PM - Enterprise Structure

- ‡ SAP PM - Define Company
- ‡ SAP PM - Define Company Code
- ‡ SAP PM - Assign company to company code
- ‡ SAP PM - Define Plant
- ‡ SAP PM - Assign Plant to Company code
- ‡ SAP PM - Maintain Maintenance Planning Plant
- ‡ SAP PM - Maintenance Planner group
- ‡ SAP PM - Define Purchase Organization
- ‡ SAP PM - Assign Purchase organization to Plant
- ‡ SAP PM - Define Purchase group
- ‡ SAP PM - Storage Location

SAP PM - Master Data

- ‡ SAP PM - Create Factory Calendar
- ‡ SAP PM - Create Work Centers
- ‡ SAP PM - Types of Technical Objects
- ‡ SAP PM - Attributes for material type
- ‡ SAP PM - Define Material Groups
- ‡ SAP PM - Maintain company code for MM
- ‡ SAP PM - Material Master Record

SAP PM - Functional Locations

- ‡ SAP PM - Define Structure Indicator
- ‡ SAP PM - Create Functional location

SAP PM - Equipment

- ‡ SAP PM - Create Equipment
- ‡ SAP PM - Create Equipment Task List
- ‡ SAP PM - Measurement Documents

SAP PM - Measuring Points

- ‡ SAP PM - Create Measuring Point

SAP PM - Maintenance Planning

- ‡ SAP PM - Maintenance Strategy
- ‡ SAP PM - Create cycle sets
- ‡ SAP PM - Configure Order Types
- ‡ SAP PM - Assign Order Types to Planning Plant

↳ SAP PM - Single cycle maintenance plan

SAP TCodes

↳ SAP TCodes

↳ SAP PM TCodes