



EVANTAGE SOLUTIONS SDN BHD

Computerized Maintenance Management System (CMMS)

USER MANUAL
(PM Forecast)

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DOCUMENT CONTROL

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1.0	29/05/2024	Najmi	First Version of User Manual – PM Forecast

Scenario

The scenario involves implementing a preventive maintenance forecast system in a manufacturing plant to anticipate equipment failures, optimize maintenance schedules, and reduce downtime, requiring data analysis, machine learning algorithms, and integration with existing maintenance processes. In this syllabus, we will guide you on how to check the PM Forecast for an asset.

1. Create PM Forecast

What it's for

The PM forecast system aims to predict equipment failures in advance, optimize maintenance schedules, and minimize downtime in a manufacturing plant, enhancing operational efficiency and reducing maintenance costs.

Setup the PM Forecast

- 1.1 On the left panel of the system, click on **Preventive Maintenance > Preventive Maintenance**

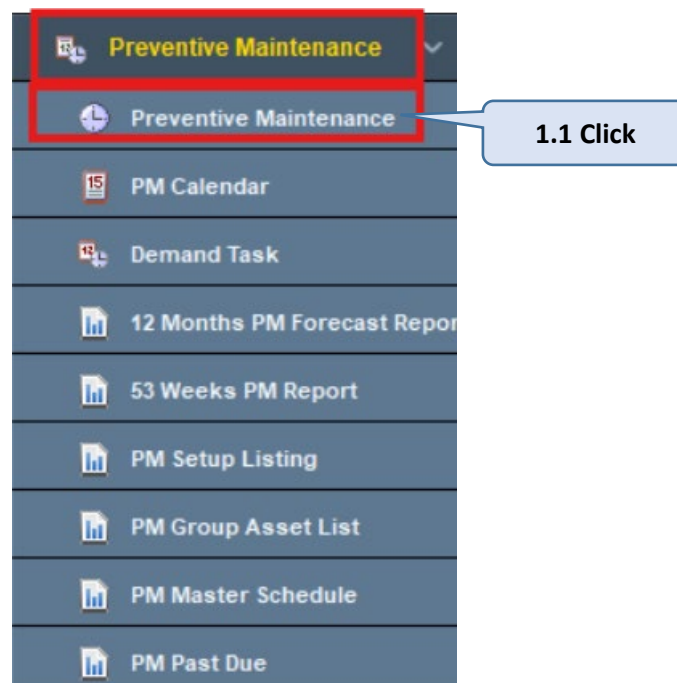
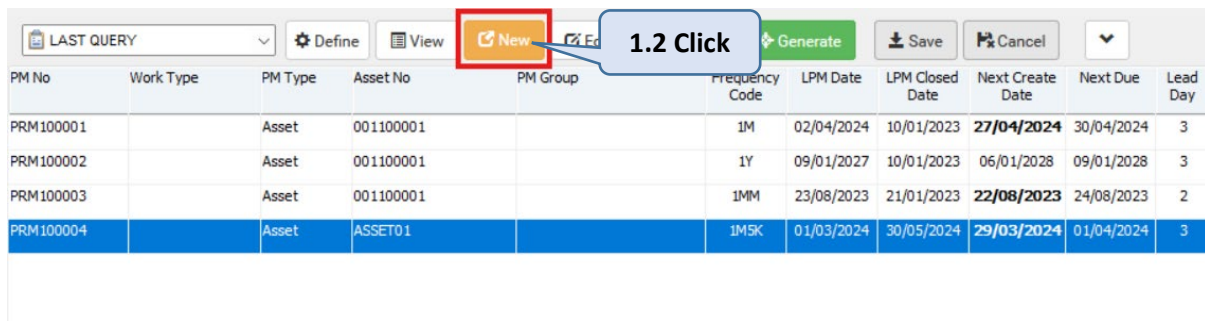


Figure 1.1

1.2 Click on **New** button to create new PM Master.



PM No	Work Type	PM Type	Asset No	PM Group	Frequency Code	LPM Date	LPM Closed Date	Next Create Date	Next Due	Lead Day
PRM100001		Asset	001100001		1M	02/04/2024	10/01/2023	27/04/2024	30/04/2024	3
PRM100002		Asset	001100001		1Y	09/01/2027	10/01/2023	06/01/2028	09/01/2028	3
PRM100003		Asset	001100001		1MM	23/08/2023	21/01/2023	22/08/2023	24/08/2023	2
PRM100004		Asset	ASSET01		1MSK	01/03/2024	30/05/2024	29/03/2024	01/04/2024	3

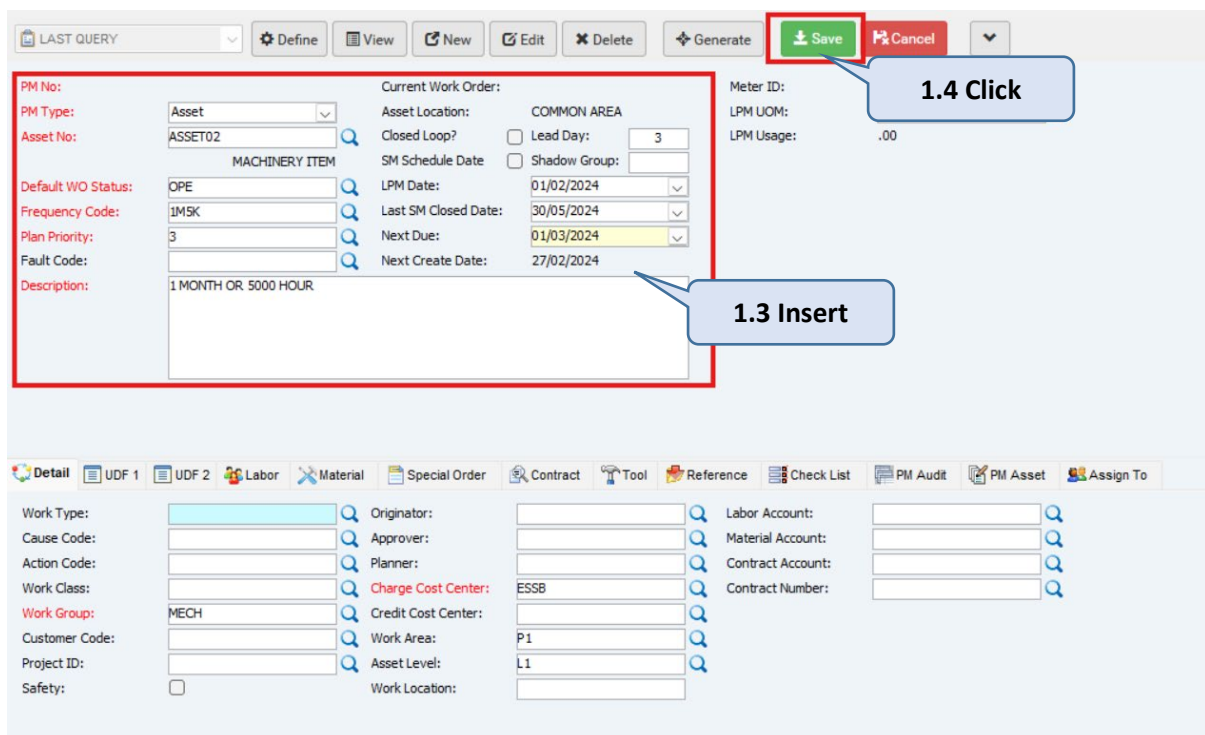
Figure 1.2

1.3 Fill in the mandatory field coloured in red:

Field	Value	Have Master File?
Asset No	: ASSET02	YES
Frequency Code	: 1M5K	YES
LPM Date	: Any date	NO

(Note: Master file are control by System Admin).

1.4 Click on **Save** button to confirm the creation of the PM.



PM No:
 PM Type: Asset
 Asset No: ASSET02
 Default WO Status: OPE
 Frequency Code: 1MSK
 Plan Priority: 3
 Fault Code:
 Description: 1 MONTH OR 5000 HOUR

Current Work Order:
 Asset Location: COMMON AREA
 Closed Loop?
 SM Schedule Date
 LPM Date: 01/02/2024
 Last SM Closed Date: 30/05/2024
 Next Due: 01/03/2024
 Next Create Date: 27/02/2024

Meter ID:
 LPM UOM:
 LPM Usage: .00

1.4 Click

1.3 Insert

Detail UDF 1 UDF 2 Labor Material Special Order Contract Tool Reference Check List PM Audit PM Asset Assign To

Work Type:
 Cause Code:
 Action Code:
 Work Class:
 Work Group: MECH
 Customer Code:
 Project ID:
 Safety:
 Originator:
 Approver:
 Planner:
 Charge Cost Center: ESSB
 Credit Cost Center:
 Work Area: P1
 Asset Level: L1
 Work Location:
 Labor Account:
 Material Account:
 Contract Account:
 Contract Number:

Figure 1.3

- 1.5 To check the PM Forecast, on the left panel of the system, click on **Assets > Asset Meter**



Figure 1.4

- 1.6 Asset Meter table view will pop up and data will retrieve. Click on **Define** button.

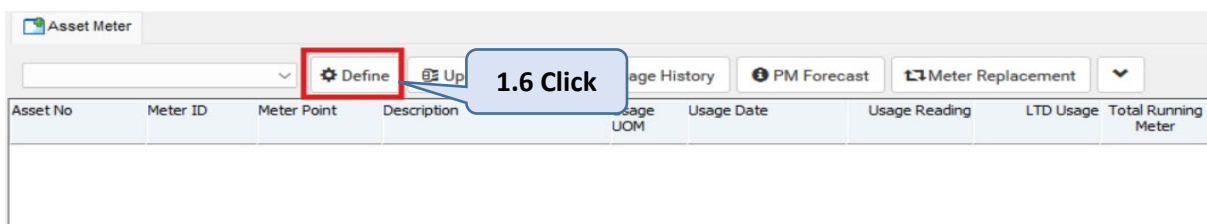


Figure 1.5

- 1.7 Fill in define query criteria:
(Note: Please refer "User Manual – Define Data Query" for detail information).

Column	Operator	Value
Asset No	like	ASSET01

- 1.8 Click on **Retrieve** button and records will be shortlisted based on query criteria.

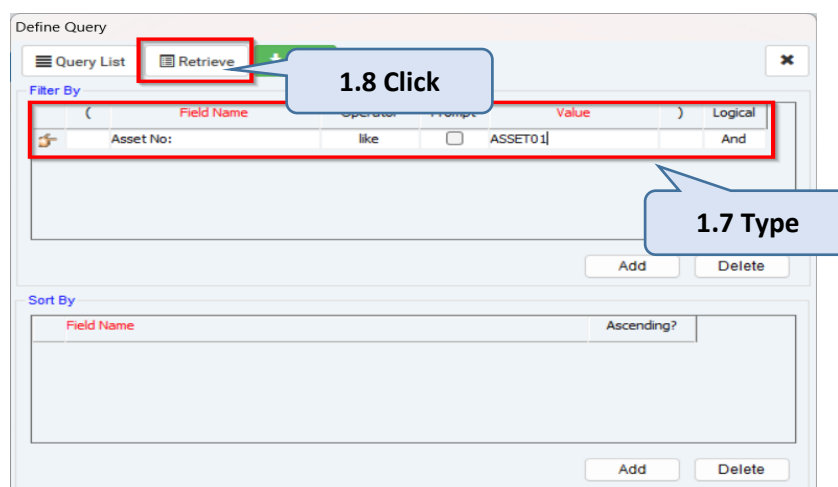


Figure 1.6

1.9 Select the record and click **PM Forecast** button. Update New Usage Reading viewers will open.

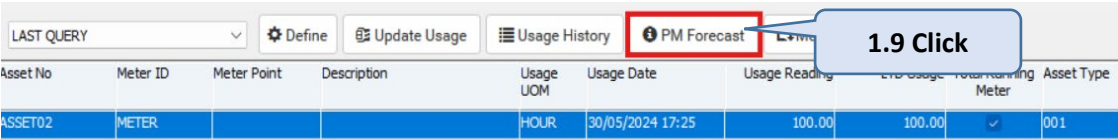


Figure 1.7

1.10 If the user wants to print the usage history:
1.10.1 Click on **Print** button to print the usage history.

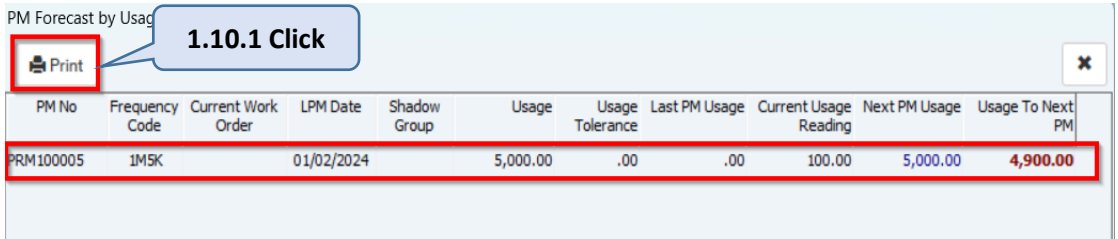


Figure 1.8

1.10.2 Click **OK** button and it will print to your local printer.

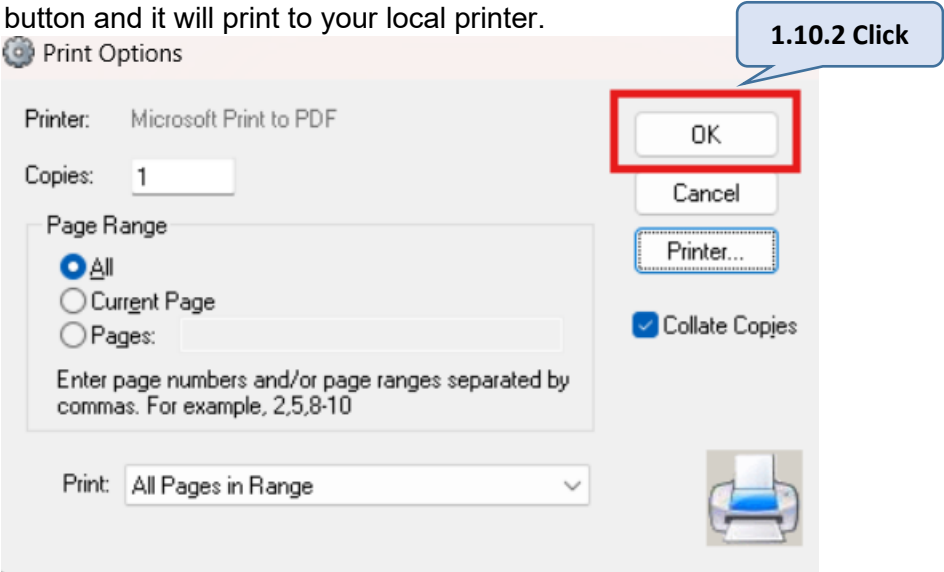


Figure 1.9

1.11 Click **X** button and the asset meter viewer will be open.

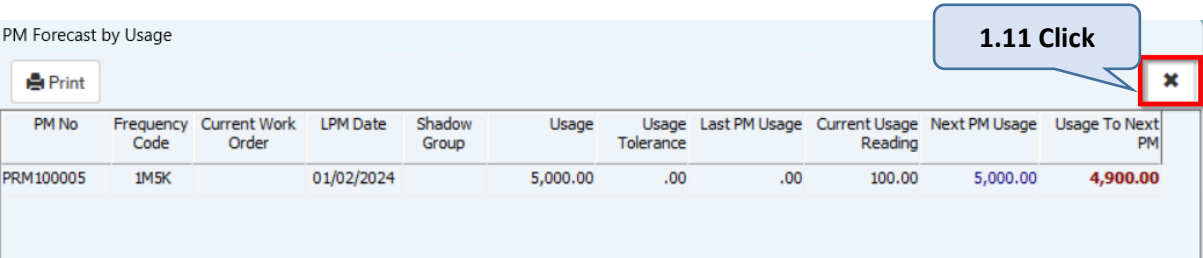


Figure 1.10