Details of the PMMS Modules where data is to be updated/ entered are given below.

**MODULE :** **Equipment Master**

1. Updating of equipment tags i.e. addition or deletion of all tags of new installed & removed equipments since last update.

**MODULE :** **Equipment Schedule**

1. Identification of critical equipment where Preventive Maintenance & Lubrication is being carried out at defined interval.
2. Filling up their defined interval *in masters.*
3. Complete the activity when due *in forms* ( For at least last 10 years)

Example of equipment for Mechanical Maint :

* Air compressor train equipments 101-J (Turbine, Compressor, GB)
* Synthesis gas compressor train (Turbine, Compressor, GB)
* Refrigeration gas compressor Train ( Turbine, Compressor ,GB)
* ­CO2 compressor ( Turbine, Compressor , GB)
* Gas Turbine if any
* Other Steam Turbines
* BFW pumps of Ammonia/Utility
* Single pumps if any like melt pump at IFFCO kalol.
* Lean & semilean pumps & reverse pumps
* Critical conveyor belts
* Etc.

NOTE : For BI these data shall be collected from PMMS for evaluating PM status, trends etc.

**MODULE :** **MWR**

1. Equipment tag while generating MWR wherever possible
2. MWR status update (By initiating & executing agency) e.g. Completion and Acceptance of job

NOTE: For BI these data shall be collected from PMMS for evaluating MWR status, Mean Time to Repair (MTTR) of Equipment, maintenance trends etc.

**MODULE :** **Log book**

1. Job material consumption of items issued from store.
2. Manpower and External Agency details
3. After Completion of job, important job to be “**Moved to History**” from the given interface.

**MODULE :** **Equipment History**

1. Filling up of Job History of Equipment with spares consumption and manpower along with time & rates etc for cost analysis
2. Maintenance type, start and finish date for evaluation of MTBF & MTTR etc.
3. Symptom, Defect and Remedy based on Equipment Category to be filled
4. Important Breakdowns and other Maintenance History of critical Equipment need to be filled.

**MODULE :** **Electrical**

All data & Check Charts related to HT & LT Motors, Transformers, Earthling, Lift and Battery Bank to be filled regularly.

**MODULE :** **Instrument**

All necessary forms & masters related to Instruments, detectors and calibration to be filled regularly.

**MODULE :** **Inspection.**

* Thickness measurement data of piping & equipment
* Data of other NDT test like Magnetic Particle test, Hardness Test, UT etc
* Primary Reformer Routine temperature
* Overload test of Cranes and EOT
* Dynamic Balancing

NOTE: For BI, these data shall be collected from PMMS for evaluating Equipment health