

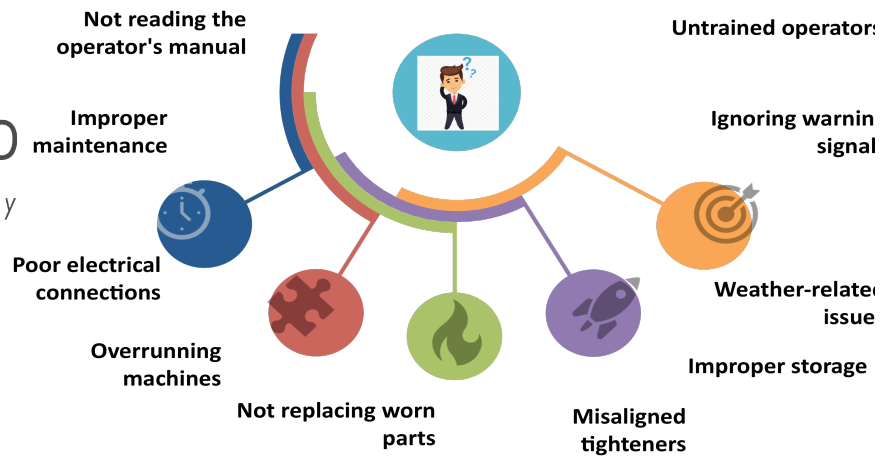


PHORON
TECHNO SOLUTIONS PVT LTD

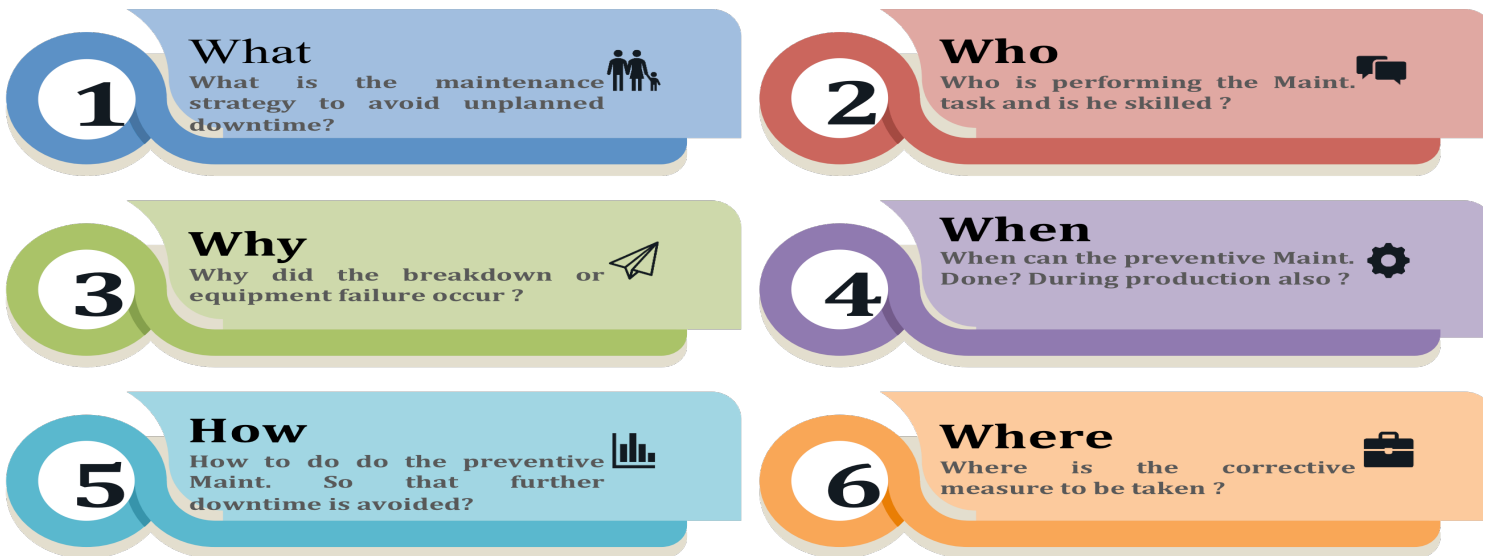
A step ahead in 21st century

We would love to learn and understand your requirements!!!

Causes of machine failure???



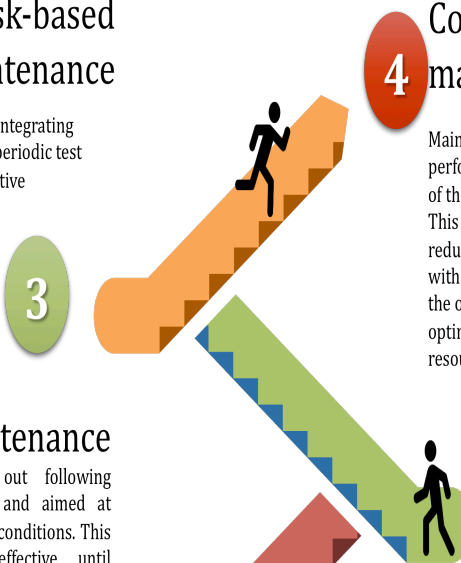
Machinery Failure Detection



Types of maintenance

Risk-based maintenance

Maintenance carried out by integrating analysis, measurement and periodic test activities to standard preventive maintenance.



Condition-based maintenance

Maintenance based on the equipment performance monitoring and the control of the corrective actions taken as a result. This strategy, in the long term, allows reducing drastically the costs associated with maintenance, thereby minimizing the occurrence of serious faults and optimizing the available economic resources management.

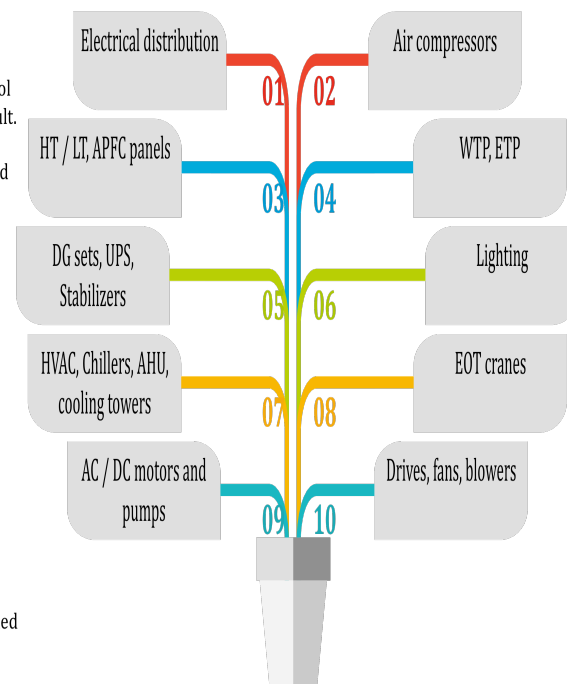
Corrective maintenance

Maintenance is carried out following detection of an anomaly and aimed at restoring normal operating conditions. This strategy may be cost-effective until catastrophic faults occur.

Preventive maintenance

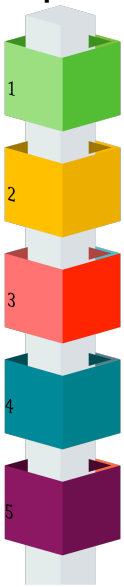
Maintenance carried out at predetermined intervals or according to prescribed criteria, aimed at reducing the failure risk or performance degradation of the equipment.

Equipments

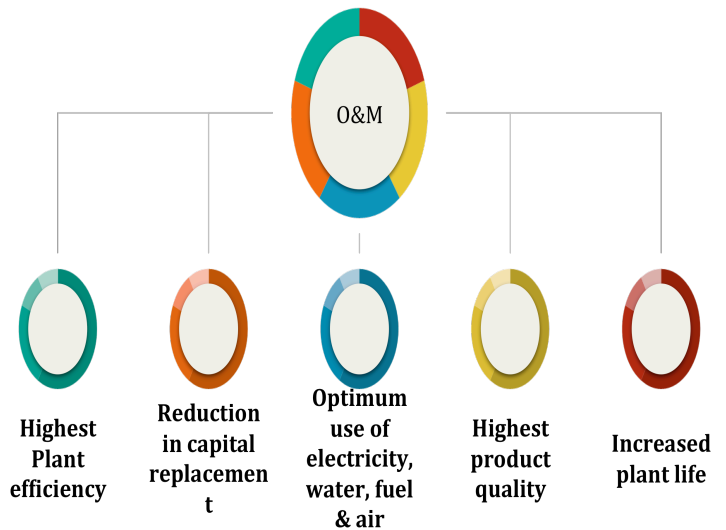


Operation and maintenance services

We achieve through O&M



- Plant operations and maintenance**
Realizing and identifying long-term stable operations. Optimization on facilities maintenance based on OEM recommendations and equipment running time
- Root cause analysis**
Identifying the root cause of each equipment failure and eliminating the causes for repetition of the same in future.
- HSE & RCA management**
Development of risk management and safety culture
- Recruitment and training**
Human resource recruitment according to specific skill set and training of the same for increased product quality and quantity.
- Procurement and Logistics**
Development of spare part management program and JIT system.



Local contractor v/s Phoron Tech

- PHORON TECH**
- Specific recruitment according to the skills, education and experience
 - Generate Management information system
 - Create a preventive maintenance schedule
 - Analysis of equipment breakdown
 - Cost analysis is done
 - Spare part management done



Timeline of our services

3 days

- Collect equipment data
- Maintenance record and requirements as per OEM std.
- Manpower requirement
- Production planning and requirements
- Make a proposal and submit for approval of client

Do

First 2 months

- Check according to preventive maintenance schedule the equipment downtime is reduced.
- Check for increase in product quality and quantity.
- Check for skill up gradation of manpower
- Check for reduction in consumption of energy

Act

Plan

21 days

- Prepare maintenance plan according to equipment requirement (OEM & running hours pattern)
- Recruit specific manpower and place them on site as per proposed requirement
- Adhere to preventive maintenance schedule
- Prepare management information system

Check

6 months

- Revise the maintenance schedule and manpower as per the observation and records.
- Assess the utility consumption and execute kaizens for energy conservation.
- Kaizens for increase productivity and quality
- Implement 3S, RCA analysis, JIT etc

FURTHER ASSISTANCE
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