

MCLB ALBANY SAFETYGRAM

PREVENTIVE MAINTENANCE (PM) SAFETY

Preventive maintenance is a type of maintenance that functions on a set schedule. It is proactive and prevents downtime, safety risks, and costly repairs. Preventive maintenance significantly reduces safety risks for employees. Also, PM increases the safe operation for employees and improves the life span of the equipment.

“Three Things You Should Know to Assist With PM”

Components of PM

1

- Preventing failure by replacing worn components
- Preventing performance degradation by cleaning and restoring components
- Reducing the risk of component or system failures
- Increasing predictability and reliability
- Educating employees on proper procedures and techniques



Types of PM

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- **Periodic** is conducted on equipment and other assets at scheduled intervals throughout the year, such as, weekly, monthly, quarterly, or annually. The guidelines are usually based on the manufacturer's recommendations or failures.
- **Performance-Based** is conducted when a specific meter reading indicates the need for an asset or piece of equipment to be repaired. Meter readings are based on time-based triggers and frequently used maintenance triggers.
- **Predictive** is considered the “middle ground” of maintenance to keep equipment in good running condition and prolong its lifespan. This PM method uses sensors for vibration analysis to detect anomalies, automatically generating a work request.
- **Prescriptive** is transforming gathered data into actionable insights. The method analyzes equipment conditions over time and assess operational risks by leveraging technologies like artificial intelligence and machine learning.

When PM is Required

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- Establish the frequency of PM by considering the equipment type and usage.
- Set the schedule according to manufacturer guidelines or industry standard recommendations to ensure a proactive approach instead of a reactive one.
- Follow the predictive maintenance schedule, which should include condition monitoring, accurate documentation of inspections and servicing, along with understanding the lifespan of the equipment.
- Maintain records to help determine when PM is necessary.

For more information on the Benefits of Preventive Maintenance, please visit the link

<https://safetyculture.com/topics/preventive-maintenance/#what-is-preventive-maintenance-pm>



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