FOLLOWING A **REPAIR-BEFORE-FAILURE** APPROACH

4 CORE MAINTENANCE PROCESSES TO HELP YOU AVOID
Unscheduled downtime // Lost productivity // Costly repairs

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**PREVENTIVE MAINTENANCE**
Performing high-frequency, fixed-interval basic maintenance & repair activities

- Take advantage of scheduled stops
- Be prepared by fully planning and defining services

**SAMPLE OF PM ACTIVITIES:**
- Procedures
- Personnel
- Time
- Tools
- Parts
- Consumables

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**CONDITION MONITORING**
Combining traditional activities with technologies to detect potential or hidden failures

- Gather information from multiple sources
- Develop an action plan to address the issue

**SOURCES:**
- Electronic Data
- Fluid Analysis
- Equipment Inspection
- Repair History
- Site Conditions

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**BACKLOG MANAGEMENT**
Helping the maintenance team manage the pending to-do list

- Schedule repairs to enable failure prevention
- Perform during convenient window of opportunity

**PLANNING & SCHEDULING**
Achieving a high target goal — benchmark 80% — for planned and scheduled repairs

- Balance resources and time
- Have clear and effective plans and activities

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5 TYPES OF MACHINE STOPPAGES IN EQUIPMENT LIFECYCLE

- Periodic services
- Planned component replacement
- Major and minor repairs
- Detection routines
- Unscheduled events

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If your machine has a defect that needs to be corrected you are already late. **IT IS A BACKLOG.**