

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

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

## **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

## **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



## **BACKLOG MANAGEMENT**

Helping the maintenance team manage the pending to-do list

Schedule repairs to enable failure prevention

Perform during convenient window of opportunity

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

IT IS A BACKLOG.

## **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

- 5 TYPES OF MACHINE STOPPAGES IN EQUIPMENT LIFECYCLE**
- Periodic services
  - Planned component replacement
  - Major and minor repairs
  - Detection routines
  - Unscheduled events