



INTELLIGENT MAINTENANCE SYSTEM

AVOID CATASTROPHIC EQUIPMENT FAILURES AND UNEXPECTED DOWN TIME.

A POWERFUL MAINTENANCE MANAGER

LET **IMS** DO THE THINKING FOR YOU.

Most equipment failures happen during batch production. While in many cases the batch can be saved, in some cases material contamination can cause a complete batch loss. Often critical inspections, lubrications and fluid changes were not performed as required.

INTELLIGENT MAINTENANCE SYSTEM (IMS)

A unique intelligent system designed to monitor equipment and prompt preventive maintenance action before it is too late. PLC driven, algorithms are used to determine maintenance needs based on *actual production patterns*. This guardian provides warning signs to indicate a future failure is imminent allowing you to schedule your down time between your batch runs – not during them when catastrophic losses may occur.



MANAGE CRITICAL INSPECTIONS - All critical items such as bearings, motors, seals, reducers and shafts require varying maintenance schedules and IMS time manages them all. IMS monitors actual machine use operation and let's the operator know when maintenance time is near.

As most people are unaware of the varying intervals of component maintenance, the IMS custom configures specific maintenance prompts for each individual component according to its true requirements.

Help prevent:

- *over lubrication*
- *costly downtimes*
- *lost batches*
- *expensive disposal fees*

The **INTELLIGENT MAINTENANCE SYSTEM** prompts for inspection providing early detection of component problems *before* damage occurs.

IMS USES ACTUAL PRODUCTION USAGE TO CREATE THE ACTION PLAN.

Once base line data is selected, algorithms are created to adjust maintenance periods based on the use pattern associated with each specific piece of equipment. IMS automatically updates stored history for early maintenance warnings.

IMS ACTS AS YOUR CALENDAR REMINDER.

- Flashing warning lights are used to draw attention to maintenance needs.
- Visual and audio signals will flag your maintenance schedules.
- Buttons associated with maintenance needs will flash for your attention.

Protect your investment. Early detection just works.