

A SIMPLE SCENARIO USING PAPER-BASED MAINTENANCE PROCEDURES

Using a spreadsheet based maintenance system:

The maintenance department gets alerted to a fault with Machine A and it looks like it's something to do with the glue unit.

The Maintenance Engineer (ME) goes to investigate... At the machine, The Engineer discovers a blocked glue nozzle. To take off the nozzle, a specific spanner is required, which is back at the engineer's workshop, he heads back to get it.

The nozzle is entirely blocked- a new one is required. In the engineering stores, he can't find the correct part, so has to order it in – the nozzle only comes in packs of 10.

The next day, the parts are delivered by express courier and the nozzle is fitted. The rest of the nozzles are put into the store, alongside the other 20 which had been later located the previous day.

A few months later, the nozzle is blocked again. –The original maintenance engineer is on holiday, so the stand-in maintenance engineer has to repeat the whole procedure, as there is no work history in place. Not knowing where the spare nozzles were put, he orders another pack.

The difference a CMMS would make to this scenario:

With a fault on the machine occurring and the maintenance engineer being alerted to the glue nozzle being blocked, he can attend the fault with the correct size spanner to inspect the nozzle.

Using his tablet device, the maintenance engineer can check the inventory control system for new nozzles. The re-ordering has been taken care of automatically by the inventory control system and the location of the item has been recorded.

The engineer can quickly fit the new nozzle onto the glue gun after visiting the engineering stores.

The engineer can make notes in the CMMS and the glue nozzle is flagged as a recurring issue

New work orders are scheduled to ensure the glue unit undergoes regular preventative maintenance to reduce the occurrence of down-time OR the regular replacement of the glue nozzle becomes a planned maintenance activity – completely eliminating this unexpected failure and unplanned downtime.

FIVE KEY BENEFITS OF USING A CMMS

REDUCED COSTS: Pro-active, rather than reactive, preventing repairs before they occur. Improving efficiency of routine maintenance and extending the life of equipment. Greater control of engineering workloads, scheduling and inventory.

REGULATORY COMPLIANCE: Applicable to more than just Food & Pharmaceutical companies; Health and Safety applies to all manufacturing operations. CMMS records both details of maintenance activity on vital machinery and prompt to make sure work is carried out at specific intervals. CMMS makes compliance easily traceable for audit.

MITIGATING RISK: Intelligent reporting modules ensures that data isn't lost. Collected data helps build business cases for investment or highlights trends in underperforming equipment, rogue parts and service providers

ENHANCED PRODUCTIVITY: Improve productivity of both maintenance team and facility as a whole. Balanced schedule of both preventative and corrective maintenance, maximising equipment uptime and keeping assets in peak operation condition

FAST ROI: Typically, CMMS proves ROI in less than a year and a 5-15% reduction in maintenance costs can be expected. An even greater % increase can be expected if your current maintenance process is reactive.