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How a Major Paper & Pulp Company

Created Efficient PM Routes in Expedited Time

Challenges:

Develop and execute a PM Route Program to support current reliability and asset care strategies with limited resource capacity and tight delivery time-frame

Nexus Global was engaged by one of the largest pulp & paper manufacturers in the world to develop and execute a PM route program at one of their specialty paper mills in North America. The client recognized their existing PM strategy was in need of review and were looking to outsource support to provide a robust and cost effective method for PM Optimization (PMO).

This would be the first mill in the organization to have all routes developed, scheduled, and executed with a plan to optimize. To achieve the goal, the following challenges had to be identified and mitigated:

- No “actual” PM routes were developed or scheduled; work was being done by tribal knowledge or in best case, a blanket work order
- No task lists developed in CMMS (SAP) for PM Routes
- No maintenance plans developed in CMMS (SAP) for PM Routes
- No verification process to confirm assets were routinely inspected
- In some cases, both the operator and maintenance team were performing duplicate inspections on the same equipment
- Numerous amounts of unscheduled work being done due to missed inspections of assets

Solution:

Strategy Optimizer™
and on-site
development was
implemented

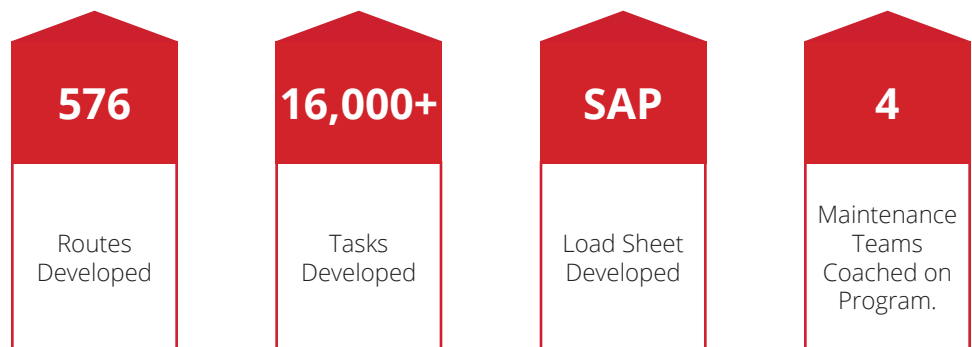
An aggressive campaign to validate data, build task lists and maintenance plans, and develop a CMMS (SAP) load sheet was implemented. The client requested more routes in a tighter time frame and the schedule was modified to accommodate. All routes were verified in SAP and the go live date was ahead of schedule. The remaining time was spent on coaching teams to optimize the schedule and time.

- A PM route program was developed to include condition monitoring (lube and vibration tech routes)
- Data was verified and cleansed
- Maintenance plan and task lists were developed
- PM route schedule was developed, tested, and optimized
- SAP load sheet was developed and activated

Results:

Routes developed
ahead of schedule,
client requested to
take routes “live”

Despite the amount of work requested (scope changed considerably), the PM route program was fully developed ahead of schedule. Over and beyond the development of the routes, Nexus Global was able to load the routes and build an effective schedule for the paper mill by taking the time to put boots on the ground to help crews optimize.



Strategy Management

Zero tolerance for unexpected failures.

Think of your assets as the value delivery engine of your business. The most important function of these assets should be to operate as engineered for their intended design life so the business can generate a greater return on capital employed (ROCE). The goal should be to strategically manage your assets for optimum returns regardless of uncontrollable external factors like macroeconomic conditions, monetary policy, or fiscal policy.