**DAVID J. PATTISON**

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**CAREER SUMMARY**

* Twenty plus years of manufacturing experience including reliability, maintenance, capital and expense project management and production engineering.
* Expertise includes reliability centered maintenance philosophy including planning, scheduling, storeroom administration, predictive and preventive maintenance analysis and prioritization to improve plant operations and reliability.
* Strengths include staff supervision, managing and solving equipment issues using RCFA philosophy, capital budget and turnaround planning.
* Achieved maintenance and plant turnaround budgets and timelines.
* Professional troubleshooting and installation skills for rotating equipment, piping and tanks (API), boilers, hydraulic, pneumatic, compressed air and steam systems.
* Total Quality Management skills include RCFA failure reduction techniques, leadership roles on cross-functional teams PSM and ISO audits
* Familiar with PLC logic, VFD’s, instrumentation and electrical systems.

**PROFESSIONAL SUMMARY**

**ECKART AMERICA May 2015 – present**

Ink and paint Effect pigments

# ***Engineering and Maintenance Manager***

* Managed ten capital projects in 2016 budgeted from $15k to $220k.
* Managed maintenance staff regarding daily and weekly schedule. Instituted weekly schedule meetings to discuss priorities for the following week.
* Managed, planned and scheduled annual maintenance shutdowns for capital equipment including outside contractors and vendors.
* Team member for PHA study in finishing area. All items completed within 3 months with exception of capital required projects completed by end of year.
* Managed plant infrastructure including compressed air, hot oil boilers, thermal oxidizers, HVAC, fire protection and building structure.
* Contributing member of SAP transition team.

**VANTAGE OLEOCHEMICALS Oct 2012 – May 2015**

A commercial and food grade chemical producer

# ***Maintenance Manager***

* Manage staff of 15 including planner, supervisors, storeroom personnel, reliability, instrument and electrical and mechanical employees.
* Maintained and met $6.2 mm budget in 2014 for first time in 8 years. Achieved this by prioritizing work and ensuring contractors and assigned maintenance were given proper plans including necessary parts to fill their schedule.
* Reorganized maintenance department to point that all SMRP standard metrics are reported, critiqued and improved. Organization including operations representatives now meet for daily schedule meeting and next week’s schedule is distributed by Friday at noon.
* Managed maintenance storeroom and parts inventory. Min/max stock adjustments are reported monthly.
* Managed 5 capital projects on time and on budget.
* Led startup of two $3 mm capital engineering projects achieving rated capacity within 3 months
* Member of USDA food grades standards compliance team

**STYROLUTION/ INEOS-NOVA Dec, 2006 – Oct, 2012**

# A leadingpolystyrene producing chemical company; Channahon, Illinois

# ***Maintenance Superintendent/ Reliability Engineer***

* Managed 12 planning, reliability, instrument and electrical and mechanical employees in a progressive maintenance organization.
* Maintained and met $3.5 mm budget with emphasis on driving down costs while increasing reliability.
* Directed $1.7 million turnaround in June, 2007 and $3.2 million in May, 2011. Completed critical work early and under budget by utilizing hourly technicians as system coordinators and coordinating contract supervisors and their work backlog.
* Reduced numerous equipment failures by applying RCFA techniques and historical analysis.
* Achieved 100% compliance during PSM audits with primary responsibility for mechanical integrity, contractors and management of change portions.
* Maintained compliance on plant vessels and tanks as applicable to API, ASME and NFPA codes.
* Increased MTBR by 80% in two years for rotating equipment by encouraging increased use of reengineering techniques and increasing shop capabilities and knowledge through training. Manage reliability technicians utilizing vibration collection, thermographic analysis, nondestructive testing and predictive techniques.

**SKILLS AND EDUCATION**

Bachelor of Science, Mechanical Engineering; University of Illinois

Vibration Analysis; Update International

Root Cause Failure Analysis; Reliability Center, Inc.

Laser Alignment techniques

Working knowledge of AutoCAD

Dale Carnegie course: Effective communication and human relations 2016