

BRANDON DODD

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SUMMARY

Manufacturing and operations leader with 12+ years in plastics extrusion, chemical processing, and large scale union and non union plant environments. Proven record of improving safety, quality, cost, and throughput in high mix production plants. Expert in structured problem solving, plant floor leadership, and data driven execution. Built and ran departmental business plans, managed operating budgets, led cross functional initiatives, elevated team performance, and delivered multimillion dollar savings through Lean Six Sigma and process optimization.

**Operations Management, Plant Leadership, High Volume Manufacturing, Union Leadership, Plastics Extrusion
Lean Manufacturing, Kaizen, Leader Standard Work, KPI Management, Structured Problem Solving
Quality at the Source, Root Cause Analysis, Schedule Compliance, Inventory, JIT, Safety and Environmental Compliance**

EXPERIENCE

SCENIC CITY SERVICES, Chattanooga, Tennessee

Owner/Operator, 2026 – Present

- Founded and operated a self-employed manufacturing support and technical services business serving plant and warehouse clients.
- Provide manufacturing floor support including industrial degreasing, safety marking maintenance, production-floor cleaning, and closeout documentation.
- Deliver technical consulting in materials, recycle, compounding, and extrusion workstreams for manufacturing operations.
- Current consulting scope with AHF Floors includes recycled material assessment, mixing strategy optimization, contamination investigation, and extrusion trial-readiness planning.

MOHAWK INDUSTRIES, RESILIENT, Dalton, Georgia

Senior Manager, Engineering Services, Plant Manager, SPC Extrusion, 2023-2025

- Led engineering group and managed six SPC extrusion lines. Delivered plant metrics in safety, quality, waste, and OEE.
- Raised throughput from 50K to 60K sqft per day for annualized \$3.6M improvement.
- Cut scrap 24 percent for \$510K reduction and lifted first pass yield to 94 percent.
- Led commissioning and validation of two new extrusion lines including PSSR, SOP creation, and capability signoff.
- Resolved major customer complaints by tightening control plans and implementing visual factory systems.
- Built departmental business plans including staffing, PM optimization, and KPI cadences that cut controllable spend 12 percent.
- Coordinated production and logistics teams to ensure on time shipping performance.
- Conducted plant audits to verify compliance with operational policies and procedures.
- Managed vendor relations for raw materials and technical services to support production continuity.

MOHAWK INDUSTRIES, RESILIENT, Dalton, Georgia

Manager, Engineering Services, 2022-2023

- Delivered \$5M annual savings through coating and formulation optimization.
- Deployed Power BI KPI center and automated task scheduler raising task completion 20 percent.
- Performed cost and risk analysis for CapEx and process changes tied to plant growth and cost objectives.
- Improved alignment between production, maintenance, quality, and engineering functions.

MOHAWK INDUSTRIES, RESILIENT, Dalton, Georgia

Senior Process Engineer, 2019-2022

- Applied SPC, DOE, and capability analysis to reduce variability and equipment downtime.
- Cut belt failures 50 percent for \$750K annual savings.
- Created SOPs and JHAs adopted across U.S. and EU sister plants.

- Deployed SAP, PI Vision, and Power BI to expose bottlenecks and raise OEE.
- Standardized acceptance criteria with Quality to resolve recurring product issues.

RESOLUTE FOREST PRODUCTS, Calhoun, Tennessee
Superintendent, Chemical, Water, Waste, 2015-2019

- Managed Class 4 water plant, sludge removal, recausticizing, and lime kiln operations.
- Achieved three years without recordable injury in PSM regulated areas.
- Reduced kiln fuel cost \$300K per year by optimizing mud drying and solids content.
- Delivered \$500K chemical savings through flocculant strategy improvement.
- Implemented FMEA based maintenance planning, reducing overtime and improving reliability.
- Ensured regulatory compliance across Title V emissions, NPDES, and environmental requirements.
- Coordinated raw material deliveries and collaborated with suppliers on chemical trials and optimization.

ADDITIONAL EXPERIENCE

ROCKTENN, Panama City, Florida, **Senior Process Engineer**, 2013-2014. Delivered \$800K chemical savings through Lean Six Sigma Black Belt improvements. Managed recausticizing operations and led 5S improvements.

ROCKTENN, Panama City, Florida, **Process Engineer**, 2013. Delivered \$250K annual savings by reducing laboratory sampling error through DMAIC and Poke Yoke. Created management of change documentation.

ROCKTENN, Panama City, Florida, **Shift Supervisor**, 2012-2013. Supervised 22 employees in pulp, woodyard, and bleach plant operations at union facility. Reinforced safety culture through walkdowns, meetings, and hazard correction.

EDUCATION

UNIVERSITY OF TENNESSEE AT CHATTANOOGA, Chattanooga, Tennessee
Bachelor of Science, Chemical Engineering

CERTIFICATION

Lean Six Sigma Green and Black Belt Project Leadership

PROFESSIONAL DEVELOPMENT

RISE Leadership Training, Mohawk
Excel People Leader Training, Mohawk

TECHNICAL SKILLS

Lean, SPC, PDCA, DMAIC, PFMEA, OEE, Visual Factory
SAP S/4, MES, EWM, OSIsoft PI Vision, TrendMiner, Power BI, Minitab, Tableau
Excel with Power Query, VBA, Macros, MS Word
SQL, Python, AutoCAD, Smartsheet
Microsoft Office Suite