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DNA Consulting Group LLC

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Company Overview

We are Operational Excellence professionals with over 25 years of combined manufacturing and process improvement experience. We believe every company has the "DNA" to become great and achieve Operational Excellence.

We help companies become more productive. We leverage Lean and Six Sigma principles to identify performance gaps and deliver sustainable solutions. For rapid solutions, we can conduct Kaizen Events on focused areas. For more comprehensive solutions, our team can perform a complete process assessment with road map to eliminate losses and control measures to sustain improvements.

Company Highlights

- Minority-Owned Business
- Certified Lean Six Sigma Black Belts
- NAICS codes: 541614, 541330
- Regional and National Capabilities
- Industries we serve: Consumer Goods, Industrial, Healthcare and Government

Success Stories

Automation Integration of Packaging Line

Situation: Due to the manual packaging process, production line had a high number of shop floor employees.

Task: Convert packaging process to become automated

Action: Redesigned critical packaging equipment to become automated. Established equipment centerlines, home settings, standard operating procedures and routine checklists.

Results: Production output was increased by 25% and headcount was reduced by 50%. Over \$10,000,000 annual savings.

Industrial Oven Optimization

Situation: Due to inconsistent oven operation, nearly 25% of the cookies were being baked outside of height specification. The inconsistent height disrupted downstream operation.

Task: Determine root cause(s) driving the height variation.

Action: Performed a series of DOEs to understand oven performance and assess potential factors.

Results: Critical factors were determined which led to redesign of oven baking profile. Defects for height variation was reduced to less than 1%. \$417,900 annual savings.

Changeover Reduction on High-Speed Bottling Line

Situation: Filler changeover time was taking an additional 30 minutes than standard.

Task: Conduct SMED event to streamline changeover

Action: Determined internal steps that can be done external of changeover, utilized a jig to reduce step up time and standardized changeover process through a checklist.

Results: Changeover time was reduced by 66% and first hour efficiency was increased from 37% to 86%.

Key Expertise Areas

■ Lean & Six Sigma Training

We provide lean, six sigma green belt and other continuous improvement training to help establish or enhance your team's process improvement capabilities.

■ Process Assessment

We assess the capability of your process and determine the key losses affecting your bottom line. We will provide the road map to eliminate losses and control measures to sustain improvements.

■ "FAST" Debottlenecking

Utilizing our "FAST" methodology we can quickly unlock speed improvements to make immediate impacts on the bottom line.

■ Kaizen Events

We facilitate a rapid problem-solving event (5 days) aim to accelerate process improvement through the structured approach of DMAIC.

■ Process and Value Stream Mapping

We help define or redefine your process through Flowcharts and Value Stream Maps. We help bring clarity to complex processes and highlight non-value added activities such as rework loops, sign-offs and redundant steps.

■ Process Standardization

Through the use of standard operating procedures (SOP), one-point lessons (OPL), Home Settings, 5S or other standards, we determine best practices that will improve efficiency and ensure consistency.

■ Quick Changeovers (SMED)

We leverage SMED (Single-Minute Exchange of Dies) to significantly reduce the time it takes to complete equipment changeovers.

■ Autonomous Maintenance

We can elevate operator engagement and effectiveness through the use of Autonomous Maintenance Principles.

■ Focus Improvement Teams

We can help establish and train onsite personnel to become Focus Improvement Teams. The team will be trained to identify losses, implement improvements and deliver results on PQCDSP (Production, Quality, Cost, Delivery, Safety and Morale).

■ Root Cause Analysis (RCA)

We use a systematic approach for identifying root causes of process failures and determine countermeasures to prevent reoccurrence.

Notable Companies We Worked With and For

