

ROLAND SLADE
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Project Engineer/ Product Development Engineer

Lead Project Engineer with experience executing domestic and international programs, product development, project planning and product launch. Strengths include on-time delivery, attention to detail, customer enthusiasm and strong customer communication skills.

- Secret Security Clearance (inactive)
- Six Sigma Green Belt
- Project Management
- DFM/DFA
- Microsoft Project, Word, Excel, PowerPoint
- SPC
- Design Failure Mode & Effects Analysis
- ISO/ TS16949 Internal Quality Auditor

PROFESSIONAL EXPERIENCE

HEARTHSIDE FOODS, LLC (London, Kentucky)

Production Line Supervisor, Mixing Baking, Packaging

2011-Present

Led team consisting of 40 people to manufacture cookies in a high volume processing system. Responsible for overseeing the mixing, baking and packaging of 14,480 lbs of cookies per shift.

- Awarded full responsibility of a high volume line after shadowing supervisors on various lines for only 2 months.
- Periodically audited mixing team to verify ingredients are measured accurately, resulting in no taste complaints from customer.
- Worked directly with customer during the product development phase, resulting in the ability to quickly identify and correct product issues. Expedient corrective action minimized downtime and waste.
- Orchestrated multiple packaging changeovers per shift with minimal downtime. Performed 100% of the required changeovers with only consuming 2% downtime per changeover, resulting in on-time deliveries.
- Trained in Food Safety Good Manufacturing Practices (GMP), Hazard Analysis and Critical Control Point (HAACCP) and Controlling Allergens, resulting the ability to recognize and address non-conformance issues.

DELPHI ELECTRONICS & SAFETY (Vandalia, Ohio)

1991 – 2009

Lead Project Engineer, Global Driver Air Bags

Led engineering effort to transform automotive Supplemental Inflatable Restraint Systems from concept to production phase. Performed project management and resource allocation activities. Responsible for leading design reviews, launching products, approving drawings, fit, function, and validation results.

- Developed, validated and executed customer requirements for vehicle airbag designs, which resulted in over \$36 million in airbag sales in 2008.
- Partnered with engineering team to reduce life-cycle cost by \$1.6 million annually. Re-configured hardware attachment scheme to accept a lower cost inflation device.
- Worked onsite with manufacturing plants in Mexico and South Korea to transfer airbags from development phase to production phase. Verified quality and reliability of assembly processes. Assisted purchasing team with developing component procurement, part labeling design, shipping requirements and logistics strategies. Effort resulted in successful production launches.
- Led effort with manufacturing, packaging, and materials engineers to conduct design for manufacturing (DFM) and design for assembly (DFA) workshops, resulting in successful first-time quality throughput.
- Sustained vigilant communication with engineering center in South Korea to develop and validate a new airbag design, resulting in a driver airbag product that met explicit and implicit customer expectations. Participated in successful product launch at OEM vehicle assembly plant.

- Performed pre-launch trials in vehicle assembly plants, resulting in flawless production launches.
- Met project budget and timing targets through regular communication with customers, suppliers, sales, purchasing, logistics, and finance teams.

Lead Project Engineer, Passenger Air Bags

Led engineering effort to transform automotive Passenger Air Bag (PAB) Systems from concept to production phase. Transformed styling concepts into a production-ready product.

- Executed customer requirements and federal regulations pertaining to design and performance requirements for the Electric Vehicle (EV) passenger air bag.
- Partnered with engineering team to implement I&CIM activities on the EV passenger air bag. Team developed and designed an injection molded polycarbonate housing. Molded housing integrated multiple components, resulting in reduced assembly time and improved quality control.
- Implemented cost savings project that integrated three passenger airbag labels into one. Combined product bar code label, Japanese text caution label and English text caution label into one label. Project reduced label cost by \$54,185 annually and resolved the issue of absent caution labels.
- Identified and implemented a cost savings project to utilize a lower-cost PAB Protective Covering Material. Teamed with others to test and validate proposed material, saving \$78,083 annually.
- Utilized statistical process control to verify internal and external system capabilities.
- Team with manufacturing engineers to optimized PAB cushion fabric usage, saving \$358,400 annually.

Project Engineer, Steering Wheels

Developed automotive Steering Wheel Systems from concept to production phase. Transformed customer styling requirements into a production-ready product.

- Developed and launched multiple steering wheel designs simultaneously. Product development activities included releasing schematic prints, devising test validation plans, creating a timing plan, costing material and components, interfacing with suppliers, contributing to the packaging design, conducting design reviews, and presenting status updates to the customer and Delphi management. Also developed prototypes for testing, approved test results, and maintained a budget.
- Successfully developed, validated, and transferred GM steering wheel designs into a production ready product. Steering wheel options included leather-wrap covering, polyurethane molding, and auxiliary radio controls.

Registered Internal Quality Auditor, ISO/TS16949

Performed internal quality audits of engineering departments and manufacturing plants.

- Partnered with internal audit team to prepare the test lab for an external audit. As intended, non-conformances were identified and corrected prior to the external audit. The test lab maintained its certification and the team was recognized by Delphi senior management for conducting the most in-depth audit to date.
- Performed over 8 audits.
- Devised and executed ISO/TS16949 refresher training for peer engineering group, resulting in no major non-conformances during external audits.

Lessons Learned Database Group Coordinator

Captured effective engineering resolutions and best practices. Facilitated peer reviews to exact database entries. Actively participated in product design reviews to verify adherence to best practice was considered.

MILITARY EXPERIENCE

US AIR NATIONAL GUARD 178TH Civil Engineering Squadron (Springfield, Ohio)

First Sergeant

Supervised and prepared 88 enlisted personnel to deploy in support of mission requirements. Assisted the commander in preparation and execution of unit training and information programs. Advised the commander on

a wide range of topics including health, esprit de corps, discipline, mentoring, professional development and recognition of all assigned enlisted members.

- Planned travel and work schedules for international and domestic deployments including report for duty times, meals, lodging, fitness and recreation.
- Exercised the necessary leadership to provide and sustain a mission-ready workforce.
- Provided leadership and guidance to supervisors and members enabling them to resolve problems and complaints at the lowest level.
- Managed family care program to assist military families during distress and deployments.

Electrician

Electrical Systems Technician Craftsman

Electrical Power Line Technician Craftsman

EDUCATION/ CERTIFICATIONS

Operations Management Master of Science (in process) - Kettering University (Flint, MI)
 DAWIA Level 1 Acquisition Logistics Certification - Defense Acquisition Academy (Dayton, Ohio)
 Manufacturing Engineering Bachelor of Science Degree - Central State University (Wilberforce, Ohio)
 ISO / TS16949 Registered Internal Quality Auditor – Neville-Clarke Inc. (Santa Clara, CA)
 Six Sigma Greenbelt – Advanced Integrated Technologies Group (Chandler, AZ)

TRAINING CERTIFICATES

Value Analysis Value Engineering Value Management – Value Analysis Incorporated
 Design Failure Mode & Effects Analysis - Benchmark Technologies Incorporated
 Injuries Anatomy Biomechanics & Federal Regulations - Society of Automotive Engineers
 Understanding Statistical Process Control - SPC Incorporated
 Managing Multiple Projects Objectives & Deadlines - SkillPath Incorporated
 Solid Edge New User Express - CAD Potential Incorporated
 Project Management for Professionals (PMP) Preparation - New Horizons 2011
 Time Management for the Business Professional - New Horizons 2011
 Level 2 Microsoft Word, Project, Excel and PowerPoint – New Horizons 2011

AFFILIATIONS

Dayton Defense - Member
 Stivers School of Performing Arts Parents Association – Member
 Richard Allen Schools – Education Committee Chair
 United Way Campaign – Delphi Site Coordinator
 Society of Automotive Engineers – Member
 United States Air Force Memorial – Charter Sponsor