

# GEORGE R. LUMAS

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## Quality Assurance - Quality Engineer - Program Manager - New Product Engineer

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### PROFESSIONAL PROFILE

Six years of experience in quality assurance, new product engineering, and program management for a QS and ISO-certified manufacturer. Background includes plastic injection molding, automotive manufacturing, and tooling. Experienced in Kaizen and lean manufacturing methods. Skilled in leading cross-functional teams to successful product launch. Experience and training includes:

- Program Management / Project Management
- Quality Control / Quality Assurance
- Advanced Quality Product Planning (APQP)
- Production Part Approval Process (PPAP)
- Validation Testing
- Geometric Dimensioning & Tolerancing (GD&T)
- Supplier Quality Engineer / Supplier Development
- New Product Engineering
- Lean Manufacturing & Kaizen
- New Product Launch
- CPK Capability Study
- Process Development
- Plastic Injection Molding
- Training Staff in Quality Standards

**Computer Skills:** Microsoft Windows XP, Microsoft Office Products, including Word, Excel, and PowerPoint. QSolve project management software, Lotus Notes.

### EXPERIENCE

**A.M. NORRIS INC.** • Battle Creek, Michigan 2000-Present  
*A QS 9000 and ISO 14001 certified, global supplier of advanced automotive lighting and climate control systems.*

#### Quality Assurance / New Product Engineer / Quality Control Engineer

Lead cross-functional teams to ensure that testing, tooling, and materials meet customer, internal, and government requirements. Develop prototypes, design of experiments, and product mock-ups for the mass production of tooling for plastic injection molding. Conduct CPK studies and validation testing. Provide support for the automotive assembly plant before and during start of production.

- Program Manager for a wide variety of automotive projects, including lighting for the Subaru Baja, the Hummer SUV, Saturn Aura, Acura, Pontiac Vibe, and Mitsubishi Galant.
- Led a team that managed the launch of the Toyota Avalon, which had zero customer complaints or short shipments during the launch. Team received the *Launch Award*.
- Led team that established an internal inspection standard and criteria.
- Established quality expectations and inspection standards for suppliers, and track supplier PPM for continuous improvements.

### EDUCATION

**WESTERN MICHIGAN UNIVERSITY** • Kalamazoo, Michigan  
**Bachelor's Degree in Mechanical/Design Engineering**

#### Training:

- Geometric Dimensioning and Tolerancing (GD&T) Training by Ford Motor Company
- Statistical Process Control (SPC) Training
- Process Failure Mode Effects Analysis (PFMEA) and Control Plan Training