

Glenn C. Hammers

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Universal Engineer

Manufacturing & Industrial Engineering

Well-rounded Engineer with over 14 years of progressively responsible positions in manufacturing. Expert troubleshooter – willing to take on the tough and “impossible” assignments. Results-driven, with a proven record of reducing costs and improving efficiency, utilizing existing resources to the maximum potential. Accounting background, with strong bottom line orientation. Expertise includes:

- Manufacturing Process Engineer
- Noise Reduction Specialist
- Environmental/Waste Minimization
- Reliability & Maintainability (R&M)
- Research & Development (R&D)
- Certified Emergency Incident Commander
- Team Leader – Engineering Task Forces
- Life Cycle Cost Engineer (LCC)
- Energy Management
- PLC Design & Troubleshooting
- Beta Testing for New Systems/Software
- Material Handling
- ISO 9001 & 14001 Engineer & Auditor
- Automation/Robotics
- Just-in-Time (J.I.T.) Scheduling
- Office Automation/PC Expert

**Implemented 35 process improvements
that delivered a seven figure savings over a three-year period.**

Experience

GENERAL MOTORS – CINCINNATI TRANSMISSION PLANT, Cincinnati, Ohio

9/89-Present

Divisional Manufacturing Process Engineer (Promotion)

Prior: Environmental Engineer (promotion); Noise Reduction Specialist (promotion)

Project leader supervising and coordinating corporate-wide engineers, production, and maintenance staff engaged in designing, building, and troubleshooting automotive products (engines, transmissions, etc.). Led team in a variety of assignments, including reliability and maintainability (R&M), troubleshooting, downtime resolution, preventive maintenance, new installations, and new product launches. Accountable for project budgets of up to \$250M – consistently completed projects within budget and time parameters. Extensive contact with governmental agencies (EPA, OSHA, etc.).

Selected Projects and Team Accomplishments:

- **Noise Reduction:** Led team in a noise reduction effort that successfully made this 1.9 million square foot facility the quietest in General Motors. Worked with OSHA and the Air Force to implement active noise control hearing protection. First GM Engineer to be invited to Ford Motor Company in an exchange of engineering solutions. Co-authored Noise Reduction Process, used by GM corporate-wide.
- **Environmental/Energy Management:** Generated annual savings of over \$275,000 and saved 21,000,000 gallons of water by designing a project utilizing storm water runoff as a source for cooling towers. Implemented an Energy Control Power Lockout program that was benchmarked by other plants.
- **Automation:** Delivered six-figure annual savings and reduced downtime by automating manufacturing and assembly utilizing robotics.

General Motors Accomplishments, Continued

- **Waste Minimization:** First in Division to achieve small quantity generator status for a plant of its size.
- **First engineer** chosen to implement the hourly team concept at our plant following best-benchmarked methodology.
- **PC and Mainframe expert.** Beta tested new GM software. Developed paperless study system to improve costs, quality, accuracy, and efficiency.
- **Awards/Honors:** Recipient of 1997 Customer-Driven Award for the storm water project. Featured twice on the worldwide daily GM News video broadcast for outstanding achievements and cost savings. Featured three times in GM Engineering monthly reports for engineering accomplishments.

EATON CORPORATION – FLUID POWER DIVISION, Battle Creek, Michigan

4/88-9/89

Manufacturing Development/Product Engineer

Product Engineer for super-charger project, including machine procurement, vendor interaction, process development, and customer support. Supervised ordering and scheduling (J.I.T.) of current and new program parts and service.

- Improved proprietary vacuum inert gas gauging system. Achieved 100% detection of any defects.
- Improved quality of VCC clutch line, while supporting launch of new product.
- Generated six figure savings in production and tooling costs through process improvements.

Prior Experience:

- Senior Systems Engineer for Electronic Data Systems – GM Technical Center in Warren, Mich. (1984-1986).
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Education

B.S. – Manufacturing Engineering (C.A.M.) – EASTERN MICHIGAN UNIVERSITY, Ypsilanti, Mich. (1987)

A.S. – Science and Metallurgy – HENRY FORD COMMUNITY COLLEGE, Dearborn, Mich. (1982)

Professional Seminars: Over 500 hours of job enhancement training and professional certifications.

Emergency Incident Commander (E.I.C.) State Certified...Five Star Safety Auditor and Presenter.

Misc. Professional Activities

Publications: Noise Reduction Process (Co-Author), used by GM to reduce noise exposure to workers.

Public Speaking: Present programs and budgets to Senior Level Management; Technical and Safety audits.

Memberships: Advanced member of Society of Manufacturing Engineers (SME); Cincinnati Waste Minimization Committee.