

Resume of Dennis B. Murphy

2879 Elwood Avenue, Grandville, MI 49418 USA
Phone: 616-318-2390 Email: Dennis.B.Murphy@Gmail.com

Employment

Johnson Controls, Holland, MI Sept 2004- Present

Supplier Quality Engineer/Customer Liaison

Johnson Controls Inc has three divisions with 140,000 employees in more than 1,300 locations serving customers in 125 countries: automotive experience, building efficiency and power solutions. Johnson Controls Virtual City primarily deals with contract manufacturing suppliers with an emphasis on electronics. Responsibilities included:

- monitoring suppliers to aid in preventative activities;
- implement quality reviews and review corrective actions,
- visiting supplier facilities in US and Mexico to inspect production facilities as they impact quality to the customer,
- review PFMEAs, Control Plans, SPC data, and drawings to drive to corrective actions and prevention,
- review PPAP submission packages,
- complete PPAP submissions for new or revised product launch and revisions to customers.
- perform role as Customer Liaison functions for quality issues at customer including 8D submissions and resolutions.

Hekman Furniture, Grand Rapids, MI May 2004- June 2004

Engineer (contract position)

Hekman Furniture designs and assembles furniture. Responsibility:

- modify CAD drawings (Autocad 2D) for use on the production floor.

Keeler Die Cast, Grand Rapids, MI June 2003- April 2004

Project/Quality/Launch Engineer (contract position)

This plant is no longer in business. Primary role was as an expert in Toyota Production Systems to launch a new product for Keeler which was supplied to Toyota. Responsibilities included:

- installation of equipment in cellular layout and trained all operators,
- creation of all quality
- complete all APQP documents
- create work instructions,
- oversight of other production lines as Process Engineer.
- designed returnable packaging in which the parts were shipped to the Toyota facility.

Behr Industries, Grand Rapids, MI June 2002- April 2003

Quality/Manufacturing Engineer. IE/QE (contract position)

Behr supplies wood-veneer interior trim components to the automotive industry. Responsibilities (industrial engineering) included:

- time studies, line balancing, capacity studies
- process improvement
- quality control and customer liaison

Gill Manufacturing, Grand Rapids, MI Oct 1999- April 2002

Process/Quality Engineer, Supplier QE/Customer Liaison

Gill Manufacturing supplies automotive stampings and metal assemblies. Responsibilities included:

- launching \$2 million worth of capital equipment (twelve assembly machines, three cells, and fourteen operators),
- oversight of machine manufacturer including initial process run,
- installation of equipment in cellular layout and trained all operators,
- creation of all quality (inspection) documents
- creation of APQP documents (PFMEA, process flow, control plans)
- developed work instructions,
- oversight of other production lines as Process Engineer.
- completed negotiations for drawing specifications with Nissan,
- reduced scrap from 2% to .005% of sales in less than nine months,
- participated in VAVE team.
- monitored outside suppliers such as a paint facility for performance and quality.
- completed shop floor layouts for moving or installing equipment,
- designed work cell layouts to utilize lean (TPS) manufacturing techniques,
- Implemented continuous improvement techniques to reduce WIP
- implemented standardized work, visual displays, kanban and inspection procedures to improve product quality.

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Shape Corporation, Grand Haven, MI October 1995 – October 1999

Industrial/Quality Engineering (Continuous Improvement Facilitator) (March 98- Oct 99)

Shape is a roll-forming and metal stamping plant and includes welded assemblies. Responsibilities included:

- completed shop floor layouts for moving or installing equipment,
- designed work cell layouts to utilize lean (TPS) manufacturing techniques,
- implemented continuous improvement techniques to lower scrap, increase productivity and reduce work-in-progress. implemented standardized work, visual displays, kanban and inspection procedures
- Internal QS auditor.
- taught classes in kanban, lean (TPS) manufacturing, continuous improvement, quick die change systems, Five-S, team building and heijunka.

Education

Western Michigan University, Bachelor Degree in Education – 1983

Skills

Quality Applications: GD&T, SPC, PFMEA, process flow, control plans, APQP, DCX Covisint, DCX Powerway, Lear SQTS, QS9000, AIAG quality systems, TS-16949, document control.

Computer applications: Microsoft Word, Excel, Project, PowerPoint, PhotoEditor, Photoshop, Publisher; Corel WordPerfect and Quattro; ABC Flowchart; Macromedia Dreamweaver (html); Autocad LT, digital photography computer applications.

Lean Manufacturing: Toyota Production System specialist- implementation of kanban, heijunka, takt time controlled production. Capacity studies and analysis, cycle time management, cycle and takt time studies and analysis, cellular layout and lean implementation, MRP and inventory control, production control, value stream mapping, materials delivery flow calculation. Team building and implementation experience including establishing metrics.