

# George L. Tschida II

1192 South Butternut Court

La Porte, Indiana, 46350

Telephone 219-362-7900

e-mail: [gltschida2@comcast.net](mailto:gltschida2@comcast.net)

## Career Summary:

Twenty plus years of progressively responsible experience in Manufacturing, Industrial Engineering, Quality Control, scheduling, ergonomics, safety, purchasing, inventory control, supervision, training, machining, sheet metal fabrication, composite fiberglass fabrication, layout, receiving inspection, SPC, FMEA process, final inspection, Quality audits, tool design, time studies, line balancing, forming, piercing, grinding, spot welding, mig welding, painting, part design, composite fiberglass winding, plastic and wax injection molding, mold design, subassembly, final assembly and crating, serving the Aerospace, Manufacturing and Fabrication Industries. Proficient in cost savings, lean manufacturing, GD&T blueprint reading, process development, labor reduction and improved quality performance. A proven performer and **Team Player** who is extremely efficient, hard working, analytical, organized, detail driven, professional and reliable, and also very ethical and loyal.

## Education:

B.S. Industrial Engineering Purdue University, West Lafayette, Indiana 1979

Certified in MTM time standards

Certified in MOST time standards

## Additional Training/ Seminars:

Internal Quality Audit Training	Miller	2002
SPC Refresher Course	Miller	2002
Workplace Violence	Modine	2001
Hazardous Communication	Modine	2001
Machine Safeguarding	Modine	2001
Bloodborne Pathogens Awareness	Modine	2001
Lead Safety	Modine	2001
Lockout Tag Out	Modine	2001
Business Simulation	Modine	2001
Personal Protective Equipment	Modine	2001
Hazardous Waste Management	Modine & Clean Harbors	2000
Confined Space Training	Modine	1998
Press Safety Seminar	Sentry Insur.	1997

Computer Skills: MS Word, Excel, Access and CAD

## Professional Experience:

### Polygon Company

#### Walkerton, Indiana: 2005-2009

**Manufacturing & Quality Engineer-** Responsible for developing, maintaining, training and improving new cylinder cell assembly, created winding instructions for all new tubes, established machine and tooling requirements for new jobs being quoted, leader of lean manufacturing team, ordered all needed tooling for new jobs, championed all capital projects, performed all incoming part, first article and final part inspections, responsible for packaging new parts, performed divisional quality process audits, created FMEA and PPAP packages, responsible for answering all corrective actions in division.

- **Created**, developed and initiated production reporting sheets in cylinder assembly cell.
- **Dependable** and responsible in having missed one day of work in nearly four years.
- **Created** tool listing for all winding and fabrication tooling in division.
- **Improved** production by over 30% in cylinder assemblies sold, netting over **\$140K** in one year.
- **Reduced** receiving inspection time by going to more GD&T guidelines on component drawings.

- **Designed** work instructions for cylinder cell assembly.
- **Developed** a standard operating policy for all new equipment in division.
- **Created and developed** Job Safety Analysis sheets for all equipment in division.
- **Improved** first leak test results in cylinder assembly cell by 85%.
- **Established** production rates for new parts and verified existing part production rates.
- **Reduced** customer return inventory from over 9,500 units to zero while improving production in six months.

## **Cable Plastics Reclaiming, Inc.**

### **La Porte, Indiana: 2004-2005**

*Environmental & Safety Engineer-* Responsible for developing and maintaining all MSDS data, safety programs, operating, trouble shooting, minor repairs and overall knowledge and training of operators for all equipment in water treatment and hydrogravity process. Developed and initiated new environmental programs, established quality lab and required testing parameters, water recycling/treatment and entire quality system.

- **Developed**, designed and initiated standard operation procedure sheets for entire hydrogravity, waste testing and treatment, extruding process and all related equipment.
- **Designed** maintenance work sheets for all equipment.
- **Developed** quality standards for receiving and testing of processed material.
- **Created** start up and shutdown instructions for process line and trained all shift operators on processes.
- **Developed** job descriptions for all operations on the hydrogravity line.
- **Established** control room log sheet and method of recording all information related to process.
- **Developed** inventory lists for spare parts and worked with key suppliers to maintain inventories of critical items.
- **Created**, developed and initiated preventive maintenance work sheets.
- **Dependable** and responsible in having not missed any work.

## **Miller Bearing Company**

### **Bremen, Indiana: 2002- 2003**

*Senior Manufacturing Engineer-* Responsible for entire operation of the cutoff and screw machine departments including supervising, ordering all raw materials, customer print review, production estimating, operating policy creation, tooling design, ordering production supplies, maintaining inventory, training and all scheduling of production and manpower. Responsible for entire screw machine area from start to finish; this area was independent of the remainder of the plant.

- **Designed** and developed several work/inventory log sheets to quickly and accurately keep track of the products.
- **Improved** production by **over 50%** in less than twelve months.
- **Reduced** past due orders from two months to **zero** in less than nine months.
- **Developed** a standard operating policy for cutoff and screw machine department.
- **Created** operating instructions for equipment in several areas.
- **Developed** standard set-up instruction for all parts run in screw machine.
- **Established** rates for new parts and verified existing part rates.
- **Conducted** Quality audits and assisted in the QS9002 recertification of this facility.

## **Modine Manufacturing**

### **La Porte, Indiana: 1990–2002**

*Senior Manufacturing Engineer* – Responsible for Manufacturing, Packaging, Quality, Ergonomics, Safety and all Industrial Engineering functions. Responsible for productivity improvements, standard hour reduction and cost savings. Served as back up for supervisor and all environmental and hazardous waste duties.

- **Designed** and developed several innovative ways to package units in corrugated cardboard containers by working closely with outside vendors.

- **Designed** and implemented a paperless crating instruction system on the computer for instant retrieval of current revision by the operators at workstations saving over \$3,000.00 annually.
- **Developed** European wood inventory and inspection system to comply with European shipping requirements, which has been stated as the “Best records in the Midwest” by Packaging Laboratories Inspector.
- **Reduced** over 1,020 standard hours from current routing instruction in the past year, which was over **\$30K** annually.
- **Reduced** wood crating by over **\$60K** in 2001.
- **Developed** computer matrix listing all units built and shipped with every detail required, i.e. weight, size, number per crate, crates per year and crating costs.
- **Improved** first pass test results in areas of responsibility from **40%** to over **80%**.
- **Developed** complete bolted assembly paint carrier system.
- **Developed** entire new assembly area, created standards and instructions for machinery and trained operators for completely new product.
- **Served** as **Quality Manager** responsible for all daily quality duties including floor, receiving, in process and final inspection and customer complaints. Responsible for gage calibration, suppliers and customers. Daily quality feedback to production and to Corporate. Led and participated in several lean-Kaizen events.

### **Toro/Wheel Horse**

#### **South Bend, Indiana: 1985–1990**

*Senior Advanced Manufacturing Engineer:* Manufacturing and Industrial Engineer in charge of tooling design and workstation layout for all tractor attachments produced at facility.

- **Installed** new powered assembly conveyor system over weekend and did not miss any production time (hit the ground running).
- **Selected** as the Design for Manufacturing Engineer on all new products. Responsible for all routing instructions, time standards for assembly line operations and new packaging for all units.
- **Requested** often to supervise production areas on an interim basis.
- **Served** on implementation committee for MRP installation.
- **Designed** and developed layout, created GD&T drawing for new components and balanced workload for a completely new tractor line.

### **Howmet Aerospace Investment Casting**

#### **La Porte, Indiana: 1980–1985**

*Product Engineer:* Hired as Quality Engineer, promoted to Product Surveillance Engineer and promoted again to a Product Engineer. Responsible from receipt and review of customer requirements through GD&T blueprint review, tooling design, sample build, layouts and tooling reworks, written routing instructions and final layout approval by customer.

### **Personal:**

Married - three children

U.S. Citizen

Homeowner

Lived in area entire life.

Enjoy computers and golf.

Had been girls' softball coach for eight years.

Received second place award in Industrial Engineering R. Harley Sherwood Ingenuity Award at Purdue University my senior year.

Enjoy gardening – won local garden club's Terra Verde Green Thumb Award in 1998.