

# Lauren A. Freeman

Lauren.a.Freeman@gmail.com  
(423) 544-6507

6826 Big Ridge Rd  
Hixson, TN 37343

EIT- Tennessee, April 2010

## TRAINING:

|                                 |            |                |
|---------------------------------|------------|----------------|
| ISO 9001:2008 Internal Auditing | ALSTOM     | August 2012    |
| Six Sigma Green Belt            | ALSTOM     | December 2011  |
| Shingijutsu Kaizen Seminar      | Luvata OEM | September 2007 |
| Kaizan/5S Training              | Luvata OEM | August 2006    |

## EXPERIENCE:

|   |   |                            |
|---|---|----------------------------|
| <b>ALSTOM Power</b> – Chattanooga, TN   | <b>Project Quality Assurance Engineer</b> | May 2011-Current           |
| - Controlled Preventive and Corrective Action programs via 8D and RCA methodologies. Became process owner in November 2012, and reduced number of remaining actions from 186 to 12 by December 2012.                |   |                            |
| - Created and controlled quality documentation system across three product lines and procurement division   |   |                            |
| - Chaperoned 77 on-site customer quality inspections  |   |                            |
| - Completed process improvement projects in Procurement, Quality Control, Manufacturing Engineering, Order Management, and Production during factory start-up   |   |                            |
| - Designed site-wide electronic document storage database   |   |                            |
| - Performed internal audits and procedural training for ISO9001 program.  |   |                            |
| <b>SARGENT &amp; LUNDY</b> – Chattanooga, TN  | <b>Planner/Scheduler</b>                  | June 2010-May 2011         |
| Reduced annual labor cost \$33,600 with modifications to project tracking database  |   |                            |
| <b>CUMMINS FILTRATION</b> – Cookeville, TN  | <b>Product Engineering Intern</b>         | May 2009-September 2009    |
| - Managed internal improvement suggestions from initial feasibility studies to implementation.  |   |                            |
| - Reduced annual labor cost \$9,600 with automated project status report  |   |                            |
| <b>LASKO</b> – Franklin, TN   | <b>Quality Lab Intern</b>                 | December 2008-January 2009 |
| Performed statistical study on injection molding process to determine root causes of underperformance   |   |                            |
| <b>MOELLER</b> – Sparta, TN   | <b>Process Engineering Intern</b>         | March 2008-July 2008       |
| - Created a 12% productivity increase within assembly cell by leveling work load and changing cell layout   |   |                            |
| - Implemented 2-bin Kanban system   |   |                            |
| <b>LUVATA OEM</b> – Grenada, MS   | <b>Quality Engineering Co-op</b>          | May 2006- January 2008     |
| - Volunteered for several Kaizen events targeting quality, flow, 5S, work balance, and lean   |   |                            |
| - Created current-state Process FMEA with Carrier division team   |   |                            |
| - Overhauled ISO 9001 procedure structure and quality KPI reporting   |   |                            |
| - Eliminated recurrent customer complaint of external oil contamination. Isolated causes of contamination, developed setup procedure to maintain process corrections, trained operators within Fin Press department |   |                            |
| - Reduced department workload 20 hours per month by simplifying and automating quality reports  |   |                            |
| <b>NISSAN</b> – Smyrna, TN  | <b>Production Worker</b>                  | May 2005-August 2005       |
| Submitted suggestion to improve ergonomics of Scuff plate workstation which was successfully installed  |   |                            |

## EDUCATION:

|                                    |                |                      |
|------------------------------------|----------------|----------------------|
| Tennessee Technological University | Cookeville, TN | May 2010             |
| BS Industrial Engineering          | GPA 3.23       | Major GPA 3.65 (4.0) |

## ACTIVITIES:

|   |              |
|---|--------------|
| IIE Technical Paper Competition Mid-Atlantic Regional Conference 2 <sup>nd</sup> place<br>“Facility Layout Improvements for Helping Hands of Putnam County” | January 2010 |
| Member Alpha Pi Mu- Industrial Engineering Honors Society   | 2009-2010    |
| Member Institute of Industrial Engineers  |              |
| <u>Treasurer</u>  | 2009-2010    |
| <u>Fundraising Committee Chair</u>  | 2008-2009    |
| Member TTU Honors Association   |              |
| <u>Peer Mentor</u> -Assisted professor with Introduction to Honors course   | 2008-2010    |
| <u>Big Sib</u> -Mentored freshmen Honors students   | 2005-2008    |

## COMPUTER SKILLS:

VBA, Minitab, Excel, PowerPoint, Word, Visio, Project, Access, Primavera, SAP, APC-RPDM