

Randell Farley

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CORE COMPETENCIES

- | | | |
|----------------------------------------|---------------------------------------------|-----------------------------------------|
| • Certified Six Sigma Black Belt | • Project Management | • Capital Equipment Purchasing |
| • Cost Reductions/Productivity | • 8D, 9 Step Problem Solving | • Outsource Planning |
| • New Plant Start Up | • New Product Development | • Budgeting & Cost Control |
| • Outsource Planning | • Supplier Relations | • Process Cost Analysis |
| • Cost Containment & Supplier Recovery | • Process Development, PFMEA, Control Plans | • Root Cause Analysis & Problem Solving |

WORK EXPERIENCE

Trane Technologies, Tyler, TX

July 2018 - Present

Trane Global Parts Quality and Warranty Leader

- Responsible for quality and warranty for \$1B global parts business spanning commercial and residential products.
- Identify and lead strategic priorities for the business, coach and mentor cross functional teams in Aftermarket Engineering, and Distribution.
- Core team member managing product development and launch of all new parts for Residential and Commercial and Buy/Sell product); oversee all PPAP' for supply.
- Provide technical guidance on 100+ field issues annually related to part failures and warranty claims.
- Oversee supplier corrective actions and development plans for 3,000+ part suppliers globally.

University of Texas at Tyler, Tyler TX

August 2018 – 2020

Adjunct Professor, College of Business and Technology

- Taught graduate and undergraduate courses in Project Management, including curriculum design and development.
- Instructed students in online platform, achieving 4.8/5 student satisfaction rating.
- Integrated latest project management principles and industry case studies to maintain highly relevant curriculum
- Leveraged 20+ years of Fortune 500 project management experience to provide mentorship and coaching to students
- Maintained strong relationship with the university to provide guest lectures and site visits. Became part of the advisory board for the Department of Technology.

Ingersoll Rand Corporate, Davidson, NC (office in Tyler, TX)

June 2015 – July 2018

Procurement Program Manager – Over 6,000 hours Project Management

Major Responsibilities: Responsible for multiple Procurement Program and NPD Projects, working with cross functional teams and standard work to build and execute project implementation plans for productivity and continuous improvement projects. Coordinate with commodity teams, materials, operations, engineering, finance, quality, and field operations to complete projects and achieve expected benefits with project timeline. Manages small to complex projects to ensure the completion of milestones within budget. Allocated resources and assign tasks to ensure objectives are met. Responsible for tracking

performance and progress of project against projected timeline. Resolve unique problems that could occur during the project to minimize delays. Prepared bi-weekly reports to communicate the status of the project to leadership.

- Project leader responsible for multiple Procurement projects including NPD's, working with cross-functional teams and standard work to build and execute project implementation plans for productivity and continuous improvement projects.
- Responsible for coordinating with commodity teams, materials, operations, engineering, finance, quality, and field operations to complete projects and achieve expected benefits within project timeline.
- Partner with Commodity teams to assist with projects charter, benefits, and resource requirements. Active participant in sector/plant productivity gate reviews ensuring that required cross-functional resources are allocated to execute projects as outlined.
- Manage reporting of Procurement financial metrics (forecast and actual) including productivity and inflation for responsible plants or projects Support the development of the Annual Operating Plan for productivity projects, targets and initiatives. Support standard setting process for responsible plants.
- Support Commodity teams goals by leading and executing supplier rationalization, quality and delivery improvement projects. Work to align strategies between commodity and Sector localization, plant rationalization and similar.
- Coordinate continuous improvement ideation sessions for responsible plants. Generate and evaluate new ideas and opportunities aligned with plant priorities and strategies.
- Participate in and represent Procurement function during plant or product Value Analysis/Value Engineering (VAVE) or Major Model Review (MMR) events. Responsible for collecting and communicating commodity actions following event.
- Lead all procurement activities related to NPD programs assuring readiness for samples, pre-pilot, pilot, and production ramp up builds.
- Proactively work and communicate all shortages to program team and work with commodity teams and suppliers to resolve.
- Issue purchase orders for sample, pilot, and production ramp up materials for assigned commodities.
- Assure all documents (purchase orders, shortage reports, PPAP information) are loaded in project SharePoint sites.
- Assure correct suppliers are selected for new business by working with commodity managers and following commodity strategies.
- Communicate changes in supply base spend and new products to commodity teams to assure optimum leverage as early as possible in the process.
- Assure suppliers have sufficient installed capacity to support production ramp up quantities and can sustain these capacities.

Ingersoll Rand Corporate, Davidson, NC (office in Tyler, TX)
Lead Supplier Development Engineer

October 2012-May 2015

Major Responsibilities: SBU Facing, Electric Heat, Non-Ferrous (copper, aluminum, bras, zinc, braze alloy), Extrusions, Heat-Exchangers (slab coils, micro channel, air coolers, after coolers), Brazing (copper, aluminum tubes and assemblies).

- Conduct Quality, Technical and EHS system assessments, in support of new sourcing, to determine if a supplier's quality systems, technical competency and environmental policies meet company expectations.

- Lead initial supplier orientation and provide on-boarding training as required.
- Actively participate with Supply Chain to provide the quality detail required to support source selection and rationalization.
- Provide Suppliers with technical oversight and expertise in areas such as Process Development, PFMEA, Measurement Systems, Control Plans and Error Proofing.
- Lead reviews with suppliers which include Design Specification, Critical Features, Early Launch Containment, and Run @ Rate.
- Drive on-time PPAP and launch for responsible components and assemblies.
- Drive process and systemic quality improvements, at assigned supplier sites, through the use of quality tools, and measure PPM year over year for improvements.
- Acts as Quality subject matter expert for SBU Facing, Aluminum, Copper, Brazed Assemblies, Extrusions and Heat Exchangers, when working with Design Engineering, Plant SQE or Suppliers in 8D problem solving.
- Performs advanced analysis using established quality systems such as Radar, NCMS, and SPM to determine trends along with proposed actions to reduce DPPM and drive performance improvement.
- Lead training of internal staff on Windchill PPAP, and IRPDP.
- Prepares, distributes, and communicates periodic supplier performance status to supply chain and leadership,
- Subject Matter Expert for Controlled Shipment (CS), and Supplier Improvement Process (SIP).

Ingersoll Rand, Trane Residential Tyler, TX
Supplier Development Engineer

May 2006-October 2012

Major Responsibilities: Steel, Fasteners, Metal Fabrication, Sector Facing, Electric Heat, Non-Ferrous, Sensors & Controllers, Packaging, etc.

- Quality Manager for all Residential Solutions sourced and branded products.
- Works as SDE Program / APQP Manager for large programs that require multiple PPAP.
- Monitors assigned suppliers "SCAR" status and work with suppliers and plant SQE to minimize quality impact to our Operations and end Customer.
- Acts as Quality subject matter expert for Controls, Steel, Aluminum, Copper, and Branded products when working with Design Engineering, Plant SQE or Suppliers in 8D problem solving.
- Lead Major Quality Disruptions (MQD) for sourced and branded products.
- Leads training of internal staff on PPAP, SCAR, and Supplier Development procedures
- Conducts PPAP's for Trane Residential SBU.

Trane Commercial, Springhill, LA

2004-2006

Six Sigma Blackbelt - Over 4,000 hours Project Management

Major Responsibilities: Productivity and Scrap reduction projects resulting in \$1M+ in savings.

- Oversaw Productivity and Scrap Reduction Projects
- Conducted Six Sigma Training
- Mentored and Developed 12 Green Belts
- Led RIE / Lean Events

Trane Commercial, Springhill, LA
Operations Manager

2002-2004

Major Responsibilities: Safety, Quality, Production and Cost for manufacturing HVAC equipment. Responsible for the day-to-day operations of the Plant; Interim Plant Manager during Plant Manager Absence, staff

included 4 Production Supervisors and 18 Team Leaders, including Maintenance and Facilities (200 direct reports).

- Labor Relations
- Budget Planning
- Staffing Plans, Work Schedules
- Associate Development / Retention
- Administer Discipline / Company Policy
- Productivity Goals and Objectives

Trane Commercial, Lynn Haven, FL

1999-2002

Process Engineer - Over 2,000 hours Project Management

Major Responsibilities: Worked as a Design and Process Engineer on the Precedent Program that launched a new HVAC packaged product. Worked with supply chain to identify new suppliers and outsource roof curbs, steel fabrication, powered exhaust, and harnesses.

- CNC Turret Programming
 - Cost Reductions/Productivity
 - Employee Training
 - Lean Manufacturing
 - Press Brake Programming
 - Facility Layout and Design
 - PLC Trouble Shooting
 - Documentation of Manufacturing Processes
 - Program Management
 - Capital Equipment Purchasing
 - Equipment Specifications
 - Fabrication/Process Cost Analyst
- Assisted in product transfer of Air Handler from Ft. Smith, AR to Springhill, LA. Involved in all aspects of product transfer and start up.
 - Completed a Six Sigma Green Belt Project on First Pass Yield at Run Test. Improved First Pass Yield to 94% resulting in 93K per year productivity improvement.
 - Completed a Six Sigma Green Belt Project on Ergonomics for Control Box installation resulting in a decreased ergonomic risk and a productivity improvement of 40K per year.
 - Assisted in Six Sigma Black Belt project resulting in 1.2 million dollar per year productivity improvement on light commercial split condensing unit.
 - Assisted in Six Sigma Black Belt project resulting in 1.5 million dollar per year productivity improvement on light commercial packaged rooftop air conditioner.
 - Core team member for manufacturing implementation of Trane Precedent®, a redesigned light commercial packaged rooftop air conditioning product. Expanded manufacturing facility to accommodate \$55 million redesign project. Implemented 2 major product phases: 3-5 Ton (5/2001), 6-10 Ton (10/2001).
 - Managed the outsourcing efforts and spearheaded supplier partnerships resulting in outsourcing 20% of all steel fabrication, 100% of all wire harnesses, powered exhaust assemblies and other accessories.
 - Planned and implemented various manufacturing processes, systems, and agency requirements to launch Trane Precedent® unit on domestic and international markets. Continuously identify and address all required quality, process capability, safety, and manufacturing issues.
 - Assisted design, purchase, and implementation of \$2 million-dollar automated assembly line to process and manufacture Trane® 2-10 Ton Light Commercial Packaged Rooftop Air Conditioners.
 - Managed \$3 million budget for work cell & process implementation. Controlled capital & expense purchases related to product implementation. Designed, purchased, and implemented various manipulators, fixtures, and required manufacturing tools for safe ergonomic practice. Including purchasing and implementing a \$60K CNC Turret Punch Press and tooling.

- Designed, documented, and implemented work cells based following JIT / Kaizan principles, Lean Manufacturing, and Demand Flow Technology. Participated actively with Product Design Engineering to achieve DFMA requirements.

Trane Residential, Tyler, TX
Production Supervisor

1995-1999

Major Responsibilities: Responsible for high volume HVAC assembly lines, and sub-assembly including Tube Fabrication, Spine Fin, Paint, and Wiring. (100 direct reports)

- Manage 4 Team Leaders
- Safety, Quality and Productivity Goals
- Line / Process Capacity Analysis

EDUCATION

Liberty University

Doctor of Business Administration – Supply Chain Management & Logistics (ABD)

Anticipated Graduation

May 2025

Liberty University

Master of Business Administration – Supply Chain Management & Logistics

December 2021

University of Texas at Tyler

Master of Science Degree in Industrial Management

May 2008

Kepner Trego

Project Management Certification

November 1999

Texas A&M University – Commerce

Bachelor of Science Degree in Manufacturing Engineering Technology

December 1994

MILITARY

Texas Army National Guard (Heavy Equipment Operator)

1991-1997

United States Marine Corps Reserve (Supply Administration)

1989-1991