

Bobby W. Whitaker Jr.
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www.bobbywhitaker.com

Experience

March 2021 – Present (3+ years)

Parker, (Filtration Division) Holly Springs, MS
Manufacturing Engineer

Maintenance Assistance -Line Production Support , Design Tester Machine for Fuel Pumps
Design NEW Assembly Pacer Assembly Line for Production, Re-Design Tester for various Value-streams
Work with R&D and HPT's for various new Products

May 2020 – October 2020 (5 months)

Exedy America Corporation, Mascot, TN
Maintenance Tech (Temporary)

Maintenance Functions, Repair leaks, Clean Machines internals, Troubleshoot machine issues

May 2019 – March 2020 (10 months)

Toyota Motor Manufacturing (TMMAL), Huntsville, AL
Process Engineer Specialists (Contract Engineer)

Line Support of all types troubleshooting, Maintain the 10 Toyota attitudes, 3D print designed tooling
Coordinate line improvements thought team various meetings, Maintain specialists communication board, Create
“RINGI's” and A3's

July 2018 – February 2019 (8 months)

Snap-On Tools, Elizabethtown, TN
Automation-Manufacturing Engineer (Contract Engineer)

Capital Project Management of previous started project, in which I finished the build of new assembly line,
which won Snap-On's “RCI” global event of internal competition of improvements.
Support, Design, and Diagnostic Functions of Automation Machines, mostly Assembly dept.
Design, Create, Implement improvements and updates
6S, and KPI, Provide constant technical expertise

April 2017 – February 2018 (10 month)

Airxcel Suburban, Dayton, TN
Engineer (Contract Engineer)

- Capital Project Management, New Seyi 330-ton Press Install,
- Design, Create, Implement, Pressure Decay Leak Test Machine, Controls Programming
Start a AOP budget plan for next year Maintain Union Labor Rates, introduce 6S, Kata, 3P, and KPI and many other
lean activities, Provide technical expertise in hand-off to new vice president operations
Customers most any RV Mfg. on the market (Jayco, Airstream, Winnebago, Fleetwood, other)
Products Ranges (Stove), Furnace, Water-heaters for RVs

July 2014 – September 2016 (>2yrs)

Tuff Torq Corporation, Morristown, TN
Production Engineer

Designed, Ordered, Supervised, Installed, and Modified line fixtures
Consulted with different vendors and obtained quotes, parts, machines, labor rates
Maintained 3S and used the JIS and US Standards
Assisted in Teams in various NEW products on assembly lines
customers (John Deere, MTD, Husqvarna, Cub Cadet, Yamaha, Yanmar, others)
Supported Manufacturing and Maintenance in troubleshooting, safety-environmental hazards
Controls Programming, CNC/Robotic/PLC, Electrical (Fanuc, Omron, etc.)

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Tooling and Gage, Welding and Grinding, Lab Analysis Techniques, Measurement, and data collection, use of Infor Mapiqs (IBM), Lead Indusoft Project in line Data Capture (OEE, Downtime, Lot Tracking, etc.)

Complete "Line" Network Design, SME- Member

Sept 2013 – Feb 2014 (6 month)

WS Packaging, Knoxville, TN

Engineer, Temporary Contract

Designed, Ordered, Overseen, Installed, and Build Modifications

Data Collection and Analysis, using software Label Traxx, Masterlink, SQL reports

Supervisory role of projects, that are created from the data collected

Create CAPEX for machine purchases, then insure install process after approval

Assisted Vice President Operations towards new plant design and program with EBITA goals in kaizen

Participate in various other Kaizen/Lean Manufacturing teams and make the desired outcomes realities

Used the "Impact" Business Model, Six Sigma

May 2011- July 2013 (>2yrs)

Exedy America Corporation, Mascot, TN

Engineering Intern

Designed, Ordered, Overseen, Installed, and Build Line Modifications

Used vendors and obtained quotes, parts, machines, labor rates

Filled in for Maintenance Supervisor Position, overseen 8 Maintenance personnel as needed

Maintained 5S-5T Standards, Assisted Engineers to rebuild old line to run new product while customers (Ford, GM, Chrysler, Nissan, Toyota) watched for quality and analyzed capabilities

Created and helped to maintain Quality/MFG. Document Changes (DCR) (MQC, Check-sheets, Work Instructions, Line Deviations, Tool Charts, Machine and Part Drawings, etc.)

Worked in "TEAMS" to think/discuss best solutions for various improvements

Supported Manufacturing for troubleshooting issues of machinery

Responsible for analyzing all systems for safety and environmental hazards

Consulted with many different engineers and various departments (internal/external) for required approvals

CNC/Robotic/PLC Controls/Power (Fanuc, Moto-man, Mitsubishi, etc.)

Designed an Engineering Document Management System in Windows Active Directory

Tooling and Gage, Welding and Grinding, Lab Analysis Techniques, Measurement, and data collection, Installed Electronic sensors of many type

Education

2008-2013

Tennessee Technological University, Cookeville TN

Graduation: May. 2013

Mechanical Engineering, Bachelors - ABET

Courses-

Worked Full/Part-time while attending, Tenn. Tech. Amateur Radio Society (TTARS) President, callsign: W4BWW

Heat Transfer, Fluid Mechanics, Machine Design, Dynamics of Machinery, Mechanics of Materials,

Thermodynamics I & II, Circuits I, Dynamic Modeling and Controls, Physics I & II, Chemistry I&II,

Programming in C, Programming for Engineers, Energy Systems, Engineering Graphics, Statics, Dynamics,

Mechatronics, Renewable Energy Sources, Applied Machine Design, CNC Machining

2005-2008

Walters State Community College, Morristown TN

Pre-Engineering (Prep. for TN Tech)

2012-2013

Pellissippi State Community College, Knoxville TN

CNC Certification