

Jason Joyner

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Fort Wayne, IN

RELEVANT EXPERIENCE

Vehicle Systems Lead Project Engineer – Conveyor & Tooling Install

April 2021 - Present

General Motors LLC – Warren Technical Center (Hybrid Worker) – Warren, MI

- Wrote Statement of Requirements (SOR) and Request for Quote (RFQ) Bid Packages for new tooling installations
- Led conveyor design intent and bidding process while working remotely from home office
- Coordinated conveyor design reviews and supervised installation onsite at facilities across GMNA operations
- Led the process to complete Prestart Health & Safety Review (PHSR) buyoffs & G-Comply safety buyoffs of all tools
- Supported engineering change requests, validation, and maintenance operations setup

Key Projects

- **2022 / 2023 Chevy Silverado Light Duty / Heavy Duty Pickups**
 - T1XX Flex Program – Oshawa Flex Assembly – Ontario, Canada
 - Refurbishment of multiple inverted Power & Free chain conveyors (plant was dormant since 2018)
 - Installation and validation of all Chassis Pre-Turnover assembly tooling, including error proofing

SOC Plant Maintenance Engineer (Body Shop)

September 2018 - March 2020

General Motors LLC – Fort Wayne Assembly – Roanoke, IN

- Supervised between 15-30 contractor tradespeople weekly performing maintenance of Fanuc robots and conveyors
- Maintenance strategy and planning. Scheduled contractors to perform system upgrades and new installations
- Approved contractor SFEMAs, Pre-Task Plans, and monitored compliance. Conducted safety stand-down talks
- Oversaw decommissioning operations of K2XX Body Shop plant equipment. Verified compliance with corporate policies and government environmental and export regulations for proper asset disposal
- Reduced spare parts purchasing cost by over \$250,000 for new Body Shop equipment
- Reduced cost of torque tool anti-mutilation guards by more than 75%, by setting up a program to 3D print them
- Support of the Body Shop for safety, maintenance, quality, ergonomic, and productivity improvements

Construction Project Manager (Body Shop)

April 2017 - August 2018

General Motors LLC (Contract) – Fort Wayne Assembly – Roanoke, IN

- Managed installation of the \$12 million Body-In-White (BIW) automated containerization system to ship truck bodies to Oshawa Flex Assembly from the Fort Wayne K2XX Body Shop
- Worked to troubleshoot new BIW shipping containers, reducing maintenance faults by 75%
- Led predictive maintenance effort in K2XX Body Shop. Directed monthly TIP meetings to find and fix bottlenecks
- Supervised weekend skilled trades preventive maintenance in a unionized plant for two different Body Shops
- Designed carpenters' trade shop dust collection system to meet OSHA safety standards for noise and particulates. Managed the installation of the resulting system on time and 20% under budget

EDUCATION

Purdue University, Fort Wayne

Bachelor of Science in Mechanical Engineering Technology (MET)

December 2016

Associate of Science in Electrical Engineering Technology (EET)

June 2020

Professional Development

- Took college courses at Purdue Fort Wayne during COVID-19 pandemic to improve skillset
 - Programming Allen Bradley PLCs, Ethernet communications, & pneumatic troubleshooting
- OSHA 30 Hour Construction Safety Outreach Training for Supervisors

December 2020

February 2021