

Patrick Munro

Senior automation Tech. III

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Authorized to work in the US for any employer

WORK EXPERIENCE

Senior automation Tech. III

Upsher-Smith Laboratories - Denver, CO -

2017-05 - 2018-05

- Preventative maintenance/repair of Pharmaceutical grade water filtration system. As well as monitoring via Talon building system software and field testing to ensure quality met F.D.A and D.E.A federal administration standards.
- Preventative Maintenance/repair of Granulation and blending equipment. Including automatic conveyance and bottle filling assembly lines.
- Assist engineering department with writing new processes to better improve the care and preventative maintenance tasks for existing, new, and overhauled/rebuilt equipment. As well as mapping and identifying building systems for as built prints, for implementation of new manufacturing processes and equipment. Actively involved with continuous improvement program.
- Preventative maintenance/repair of boiler/process hot water systems.
- Preventative maintenance/repair of plant air compression and pneumatic systems.
- Responsible for Service/preventative maintenance/repair/overhaul of thermal oxidization system for plant waste bi-product.
- Trained and well versed in compliance logbook keeping.

Lead electrical technician

Checkers Safety Group LLC -

2015-09 - 2017-04

620 Compton St. Broomfield plant.

- Design/Upgrade control systems to improve movement and production for automated high pressure injection platforms and presses.
- Maintain/troubleshoot complex machinery to facilitate operations as needed.
- Work with production teams managers/engineers to conduct repairs and rebuilds of crucial supporting utility equipment.
- Install and rewire power distribution centers for hand casting production area as well as for Metal fabrication and design shop.
- Implement new preventative maintenance tasks for electrical equipment.
- Upgrade power distribution centers, devices and automated lighting systems to maximize production and reduce costs.

- Design and install crane, hoist and trolley systems, air scrubbing equipment to support and improve production as well as eliminate safety concerns.
- Maintain, overhaul, rebuild upgrade or otherwise improve, hydraulic pump stations and pistons, high pressure injection mix heads, Zenith gear pumps, heat tables, motors/pumps and alignment, wrapping and automated packaging machinery, remote cooling stations for branch network system, thermalater heat pump stations for heating molds/material to ensure proper injection times and material consistency/color/weight.

Lead Maintenance Mechanic

Maintech/Triangle Services -

2014-03 - 2015-09

Fed Ex Facility Denver International Airport

- Maintain and repair crucial supporting utility equipment.
- Maintain and repair conveyance equipment, forklift operation, coordinate welding/machining and millwright projects & operations.
- Coordinate and lead the installations of new equipment, modifications and enhancements.
- Support the engineering department with various projects and initiatives.
- Procurement of parts/quotes for budgeted items. As well as maintain adequate critical spare parts inventory for assigned functional areas.
- Maintain and assist operations from all departments to ensure manufacturing equipment availability is maintained. Lead delegated projects.
- Fabrication of machinery, Installation of electric motors, electrical panels and circuitry.
- Effectively troubleshoot and resolve difficult/advanced equipment issues.
- Supervise and coordinate ground crews up to 6 people.

Maintenance Supervisor/Lead

Chandler Industries -

2012-01 - 2013-09

- Supervised a crew of 11 employees.
- Design and implement customized in depth Preventative maintenance program for 49 machining centers and over 100 pieces of support equipment, including all facility related annual inspections.
- Design/fabricate complex machinery to facilitate operations as needed.
- Maintain and repair crucial supporting utility equipment.
- Seat on safety committee, oversee applicable training to the department.
- Programming of electronic devices including: VFD's, and other various controllers.
- Coordinate and lead the installations of new equipment, modifications and enhancements.
- Support the engineering department with various projects and initiatives.
- Effectively troubleshoot and resolve difficult/advanced equipment issues utilizing a systematic logical approach until the root cause is identified.
- Procurement of parts/quotes for budgeted items. As well as maintain adequate critical spare parts inventory for assigned functional areas.
- Maintain and assist operations from all departments to ensure manufacturing equipment availability is maintained.
- Maintained required documentation to ensure compliance with I.T.A.R/F.A.A/ANSE/AS9100 Revision C stringent standards.

IES/N.I.S.T./Coors

Subcontractor Position

Industrial Electrician/Millwright

- Installation of PLC cabinet and V.F.D.'s
- Installation of electronic Photo eye safety interlock system
- Disassembly/Relocation and re-assemble of Palletizing Machines with custom modifications.
- Install new operations HUB.
- Effectively troubleshoot and resolve difficult/advanced equipment issues.
- Install new COM lines for new assembly line

Caljan/RiteHite

Subcontractor Denver plant

Fabrication Technician/Installer

- Fabrication of machinery, Installation of electric motors, electrical panels and circuitry.
- Coordinate and lead the installations of new equipment, modifications and enhancements.
- Programming of electronic devices including: VFD's, PLC's, and other various controllers.
- Effectively troubleshoot and resolve difficult/advanced equipment issues utilizing a systematic logical approach until the root cause is identified.

EDUCATION

Electric in-house trade school electrical apprenticeship

2001

SKILLS

Conveyor, Access Control, Diesel, Robotics