

Joanna Earl

4331 W. 82nd Ave., Westminster, CO 80031

H: 303-717-2038

joannaearl25@yahoo.com

Professional Summary

Skills

Experience

Etcher

09/2016 to Current

Circuits West – Longmont, CO

- Prepare etching chemicals according to formulas, diluting acid with water to obtain solutions of specified concentration.
- Determine machine settings, and move bars or levers to reproduce designs on rollers or plates.
- Expose workpieces to acid to develop etch patterns such as designs, lettering, or figures.
- Engrave and print patterns, designs, etchings, trademarks, or lettering onto flat or curved surfaces of a wide variety of metal, glass, plastic, or paper items, using hand tools or hand-held power tools.
- Position and clamp workpieces, plates, or rollers in holding fixtures.
- Examine engraving for quality of cut, burrs, rough spots, and irregular or incomplete engraving.
- Reduce artwork to be used, using reduction cameras.
- Measure and compute dimensions of lettering, designs, or patterns to be engraved.
- Start machines and lower cutting tools to beginning points on patterns.
- Clean and polish engraved areas.
- Set reduction scales to attain specified sizes of reproduction on workpieces, and set pantograph controls for required heights, depths, and widths of cuts.
- Neutralize workpieces to remove acid, wax, or enamel, using water, solvents, brushes, or specialized machines.

- Inspect etched work for depth of etching, uniformity, and defects, using calibrated microscopes, gauges, fingers, or magnifying lenses.
- Print proofs or examine designs to verify accuracy of engraving, and rework engraving as required.
- Remove completed workpieces and place them in trays.
- Select and insert required templates into pattern frames beneath the stylus of a machine cutting tool or router.
- Examine sketches, diagrams, samples, blueprints, or photographs to decide how designs are to be etched, cut, or engraved onto workpieces.

Plater

03/2013 to Current

Unicircuit Inc. – Littleton, CO

My current responsibilities include training new hires. Making sure that the chemistry we need is stocked and ensuring that new operators understand our work parameters are met.along with

- Determine sizes and compositions of objects to be plated, and amounts of electrical current and time required.
- Suspend sticks or pieces of plating metal from anodes (positive terminals) and immerse metal in plating solutions.
- Inspect coated or plated areas for defects such as air bubbles or uneven coverage.
- Monitor and measure thicknesses of electroplating on component parts in order to verify conformance to specifications, using micrometers.
- Adjust dials to regulate flow of current and voltage supplied to terminals in order to control plating processes.
- Immerse objects to be coated or plated into cleaning solutions, or spray objects with conductive solutions to prepare them for plating.
- Immerse workpieces in coating solutions or liquid metal or plastic for specified times.
- Set up, operate, or tend plating or coating machines to coat metal or plastic products with chromium, zinc, copper, cadmium, nickel, or other metal to protect or decorate surfaces.
- Test machinery to ensure that it is operating properly.
- Position and feed materials into processing machines, by hand or

by using automated equipment.

- Operate hoists to place workpieces onto machine feed carriages or spindles.
- Rinse coated objects in cleansing liquids; then dry them with cloths, centrifugal driers, or by tumbling in sawdust-filled barrels.
- Examine completed objects to determine thicknesses of metal deposits, or measure thicknesses by using instruments such as micrometers.
- Adjust controls to set temperatures of coating substances and speeds of machines and equipment.
- Maintain production records.
- Place plated or coated materials on racks and transfer them to ovens to dry for specified periods of time.
- Observe gauges to ensure that machines are operating properly; make adjustments or stop machines when problems occur.
- Read production schedules to determine setups of equipment and machines.
- Position containers to receive parts, and load or unload materials in containers, using dollies or handtrucks.
- Position objects to be plated in frames, or suspend them from positive or negative terminals of power supplies.
- Perform equipment maintenance such as cleaning tanks and lubricating moving parts of conveyors.
- Measure and set stops, rolls, brushes, and guides on automatic feeders and conveying equipment or coating machines, using micrometers, rules, and hand tools.

Assembler, Q.C.

07/2004 to 09/2012

Wanco Inc. – Arvada, CO

I was employed there for almost nine years working every department with the exception of a few. Having worked in the wiring production including every station of multiple assembly lines. (e.g. generator, portable lights for construction work, variable road message signs and arrow signs. during this time I learned

Wiring basics, assembly, current load.

- Oversee activities directly related to making products or providing services.
- Assemble electrical or electronic systems or support structures and

install components, units, subassemblies, wiring, or assembly casings, using rivets, bolts, soldering or micro-welding equipment.

- Adjust, repair, or replace electrical or electronic component parts to correct defects and to ensure conformance to specifications.
- Clean parts, using cleaning solutions, air hoses, and cloths.
- Read and interpret schematic drawings, diagrams, blueprints, specifications, work orders, or reports to determine materials requirements or assembly instructions.
- Measure and adjust voltages to specified values to determine operational accuracy of instruments.
- Fabricate or form parts, coils, or structures according to specifications, using drills, calipers, cutters, or saws.
- Mark and tag components so that stock inventory can be tracked and identified.
- Position, align, or adjust workpieces or electrical parts to facilitate wiring or assembly.
- Drill or tap holes in specified equipment locations to mount control units or to provide openings for elements, wiring, or instruments.
- Complete, review, or maintain production, time, or component waste reports.
- Pack finished assemblies for shipment and transport them to storage areas, using hoists or handtrucks.
- Distribute materials, supplies, or subassemblies to work areas.

Education

High School Diploma

05/1994

Westminster High School – Westminster, CO