

# Alleazer Simpson

Hillside, IL

alsimpson6\_tjf@indeedemail.com - 773-253-1938

## WORK EXPERIENCE

### **Electro-Mechanical Assembler**

Caterpillar - Aurora, IL - 2015-10 - Present

- Inspect, test, and adjust completed units to ensure that units meet specifications, tolerances, and customer order requirements
- Assemble parts or units, and position, align, and fasten units to assemblies, subassemblies, or frames, using hand tools and power tools
- Connect cables, tubes, and wiring, according to specifications
- Attach name plates and mark identifying information on parts
- Read blueprints and specifications to determine component parts and assembly sequences of electromechanical units
- Disassemble units to replace parts or to crate them for shipping
- Measure parts to determine tolerances, using precision measuring instruments such as micrometers, calipers, and verniers
- Drill, tap, ream, countersink, and spot-face bolt holes in parts, using drill presses and portable power drills
- File, lap, and buff parts to fit, using hand and power tools
- Operate or tend automated assembling equipment, such as robotics and fixed automation equipment
- Operate small cranes to transport or position large parts
- Monitor Processes, Materials, or Surroundings
- Communicating with Supervisors, Peers, or Subordinates
- Evaluating Information to Determine Compliance with Standards
- Training and Teaching Others
- Organizing, Planning, and Prioritizing Work
- Making Decisions and Solving Problems
- Controlling Machines and Processes
- Performing General Physical Activities
- Establishing and Maintaining Interpersonal Relationships
- Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment
- Updating and Using Relevant Knowledge
- Coaching and Developing Others
- Repairing and Maintaining Electronic Equipment
- Repairing and Maintaining Mechanical Equipment
- Experience with: Blueprint display software, C clamps, Chain falls, Chalk line markers, Claw hammers, Combination pliers, Comealongs, Component insertion machines, Cornice brakes, Data entry software, Digital calipers, Digital dynamometers, Digital micrometers, Digital oscilloscopes, Dynamic actuators, Electric hoists, Electric rotary wire brushes, Electric sanders, Electric soldering irons

### **Quality Inspector**

Navistar - Melrose Park, IL - 2006-01 - 2015-10

- Inspect, test, or measure materials, products, installations, or work for conformance to specifications

- Measure dimensions of products to verify conformance to specifications, using measuring instruments such as rulers, calipers, gauges, or micrometers
- Read blueprints, data, manuals, or other materials to determine specifications, inspection and testing procedures, adjustment methods, certification processes, formulas, or measuring instruments required
- Record inspection or test data, such as weights, temperatures, grades, or moisture content, and quantities inspected or graded
- Mark items with details such as grade or acceptance-rejection status
- Notify supervisors or other personnel of production problems
- Grade, classify, or sort products according to sizes, weights, colors, or other specifications
- Analyze test data, making computations as necessary, to determine test results
- Collect or select samples for testing or for use as models
- Remove defects, such as chips, burrs, or lap corroded or pitted surfaces
- Make minor adjustments to equipment, such as turning setscrews to calibrate instruments to required tolerances
- Compare colors, shapes, textures, or grades of products or materials with color charts, templates, or samples to verify conformance to standards
- Inspect or test raw materials, parts, or products to determine compliance with environmental standards
- Communicating with Supervisors, Peers, or Subordinates
- Evaluating Information to Determine Compliance with Standards
- Monitor Processes, Materials, or Surroundings
- Documenting/Recording Information
- Processing Information
- Interacting With Computers
- Making Decisions and Solving Problems
- Updating and Using Relevant Knowledge
- Organizing, Planning, and Prioritizing Work
- Controlling Machines and Processes
- Analyzing Data or Information
- Training and Teaching Others
- Experience with: Bubble leak testers, Calipers, Calorimetric leak testers, Color spectrometers, Compression testers, Computer assisted design software, Computer-aided inspection software, Continuity testers, Coordinate measuring machine software, Coordinate measuring machines CMM, Creep and stress relaxation testers, CyberMetricsGAGETrak Calibration Management Software CNC Cutting Operator (Computer Numerical Control Cutting Operator)

### **CNC Cutting ,Grinding**

BorgWarner Automotive - Bellwood, IL - 1995-01 - 2006-01

Bellwood, IL

January 1995-January 2006

- Read work orders to determine production specifications and information
- Test samples of materials or products to ensure compliance with specifications, using test equipment
- Observe operation of equipment to ensure continuity of flow, safety, and efficient operation, and to detect malfunctions
- Move controls to start, stop, or adjust machinery and equipment that crushes, grinds, polishes, or blends materials
- Examine materials, ingredients, or products, visually or with hands, to ensure conformance to established standards

- Weigh or measure materials, ingredients, or products at specified intervals to ensure conformance to requirements
- Clean, adjust and maintain equipment, using hand tools
- Mark bins as to types of mixtures stored
- Notify supervisors of needed repairs
- Turn valves to regulate the moisture contents of materials
- Set mill gauges to specified fineness of grind
- Reject defective products and readjust equipment to eliminate problems
- Clean work areas
- Transfer materials, supplies, and products between work areas, using moving equipment and hand tools
- Dislodge and clear jammed materials or other items from machinery and equipment, using hand tools
- Inspect chains, belts, or scrolls for signs of wear
- Load materials into machinery and equipment, using hand tools
- Tend accessory equipment, such as pumps and conveyors, to move materials or ingredients through production processes
- Controlling Machines and Processes
- Inspecting Equipment, Structures, or Material
- Organizing, Planning, and Prioritizing Work
- Monitor Processes, Materials, or Surroundings
- Communicating with Supervisors, Peers, or Subordinates
- Updating and Using Relevant Knowledge
- Operating Vehicles, Mechanized Devices, or Equipment
- Training and Teaching Others
- Interpreting the Meaning of Information for Others
- Thinking Creatively
- Repairing and Maintaining Mechanical Equipment
- Making Decisions and Solving Problems
- Experience with: Adjustable wrenches, Belt scales, Chipping hammers, Claw hammers, Comealongs, Data entry software, Desktop computers, Dollies, Forklifts, Grease guns, Handtrucks, Holding clamps, Hole punches, Layout squares

## EDUCATION

### **High School Diploma in General Studies**

Proviso West Highschool - Hillside, IL

1978-08 - 1982-05