

# Israel Arellano

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## Professional Summary

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Dynamic mechanical assembler with 4+ years of experience in manual assembly, blueprint interpretation, and quality control. Proficient in electrical connections, component testing, and computer-based data recording. Demonstrated ability to follow cleanroom protocols and operate ERP systems, ensuring precise assembly and reliable performance.

Authorized to work in the US for any employer

## Work Experience

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### **Shipping/Receiving, Quality Control Associate and Assembly**

Veolia-Boulder, CO

February 2024 to July 2025

- Interpreted technical blueprints, assembly drawings, schematics, and wiring diagrams to determine assembly methods for production lines
- Performed mechanical assembly, including stripping, wiring, and making electrical connections as required by build documentation
- Conducted quality control inspections of incoming materials, in-process components, and finished products to ensure adherence to specifications
- Maintained accurate records of inspection results, quality control activities, and shipment data using enterprise resource planning (ERP) systems and SAP
- Utilized computer software for data entry, shipment tracking, and communication with engineers and planning teams
- Organized and managed daily shipping and receiving operations, including verifying and maintaining records on incoming and outgoing shipments
- Operated forklifts safely, conducted pre-operation checks, and followed safety protocols for material handling
- Communicated material shortages and coordinated with suppliers to resolve receiving issues
- Prepared pallets for storage or shipment and restocked warehouse inventory as needed
- Performed additional duties as assigned to support assembly and warehouse operations

### **Production and electro mechanical assembly/ Warehouse**

Danfoss-Longmont, CO

December 2022 to February 2024

- Assembled electrical units, subassemblies, and components with circuit boards, following assembly drawings and technical documentation
- Utilized inspection tools such as calipers, micrometers, and gauges to ensure quality standards in manual assembly production
- Provided line support for assembly, escalating safety and process quality issues as needed
- Labeled packages accurately and maintained shipping and receiving logs to support quality control
- Monitored and troubleshot electrical and mechanical equipment, including hydrostatic pumps and motors

- Disassembled, overhauled, and rebuilt production equipment under supervision, supporting continuous improvement
- Applied advanced skills in hardware assembly, troubleshooting, and repair during manufacturing operations
- Assisted with process changes and problem-solving on the shop floor, ensuring adherence to documented build instructions
- Entered data via computer interface or automated equipment to record production and inspection results
- Observed production to ensure compliance with quality standards and identified potential issues early

### **CNC Operator**

ARC Group Worldwide-Firestone, CO  
May 2021 to December 2022

- Prepared detailed reports on quality control activities, including test results and corrective actions
- Inspected machined parts visually and with measuring devices to ensure compliance with specifications
- Operated CNC machines safely and productively, following material handling and finishing procedures
- Completed and maintained accurate documentation on parts and production activities
- Entered data and information into computer systems to support production tracking
- Cross-trained in deburring, cleaning, and packaging of machined parts for quality assurance
- Maintained machine operational condition and performed routine maintenance as instructed
- Set up fixtures and tools for advanced machining operations, handling parts with precision and care

### **Loader/Selector**

McLane Company-Longmont, CO  
November 2019 to May 2021

- Operated forklifts and power equipment to move materials, load and unload deliveries, and transport items within the facility
- Read and scanned labels to identify product location, description, and quantities for order fulfillment
- Inspected products for quality, replaced missing or damaged items, and ensured accurate order picking
- Loaded products in sequence order and maintained an organized workspace for efficient operations
- Worked safely to prevent injury and damage, following established safety protocols
- Collaborated with team members to meet production and shipping goals in a timely manner

## Education

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### **High school diploma**

Skyline High School

### **Upper secondary education**

## Skills

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**Mechanical assembly** **Manual assembly** **Assembly** **Assembly line** **Interpreting technical drawings** **Schematics** **Electrical wiring** **Crimping** **Wire harness assembly** **Quality control** **Cleanroom** **Computer operation** **Microsoft Word** **Data entry** **Precision assembly**

## Languages

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- English - Fluent
- Spanish - Fluent

## Certifications and Licenses

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### **Forklift Certification**