

Cohen Henderson

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SUMMARY

Wire harness and **electronic assembly** professional with three years of manufacturing experience building cable and electromechanical assemblies from drawings, **wiring lists**, visual aids, and **controlled work instructions**. Skilled in routing, stripping, crimping, soldering, hardware installation, component preparation, and careful inspection. Hands on work with crimp presses, wire strippers, soldering irons, fixtures, templates, microscopes, measuring devices, and related hand and power tools supports accurate production across varied harness families. Experience includes first article support, in process quality checks, dimensional verification, downtime reporting, housekeeping, and cross training across product lines. IPC A 610 and **IPC WHMA 620** knowledge supports consistent workmanship, clear documentation, and dependable second shift production coverage.

EXPERIENCE

Wire Harness Assembler

February 2025 - Present

Northline Cable Works

Kalamazoo, MI

Builds low voltage and mixed signal harnesses for industrial equipment, supporting controlled production, inspection, first article work, and cross training across product families.

- Built mixed signal harnesses from drawings, wiring lists, layout boards, and controlled work instructions.
- Operated **crimp presses** and **wire strippers**, then routed, terminated, labeled, and secured conductors.
- Soldered electronic subassemblies and installed hardware, checking joints, orientation, and mechanical fit.
- Completed visual and dimensional inspections with magnification and **measuring devices** before production release.
- Supported **first article** builds by recording routing questions and fit issues for Engineering review.
- Maintained second shift output through **downtime reporting**, housekeeping, **quality checks**, and flexible overtime coverage.

Assembly Technician

October 2023 - January 2025

Great Lakes Electromechanical

Battle Creek, MI

Assembled cable and electromechanical subassemblies while developing precision manufacturing skills through drawing interpretation, component preparation, inspection, and team production support.

- Assembled cable and electromechanical subassemblies with **hand tools**, fixtures, **templates**, and written instructions.
- Prepared wires and components through cutting, stripping, cleaning, marking, **sealing**, and basic **potting**.
- Used **soldering** irons for specified connections, then checked alignment, cleanliness, and visible workmanship.
- Read mechanical drawings and instructions to identify placement, hardware, and measurement checkpoints.
- Performed in process measurements and visual checks before advancing assemblies to subsequent operations.
- Supported production goals through dependable attendance, material organization, **housekeeping**, and clear issue communication.

PROJECTS

First Article Harness Support 📅 2025

Supported initial harness builds by comparing routing, fit, and instruction details against production requirements, then recording questions for Engineering review.

Electromechanical Assembly Quality Checks 📅 2024

Applied visual inspection, dimensional measurement, solder review, and component preparation practices across cable and electromechanical assembly work.

LEADERSHIP & AWARDS

- IPC A 610 certification completed in 2025, reflecting focused preparation for electronic assembly workmanship expectations.
- IPC WHMA 620 certification completed in 2025, supporting cable and wire harness acceptance knowledge.
- Cross trained across multiple harness families while supporting first article production and product line flexibility.

EDUCATION

High School Diploma

2023

Kalamazoo Central High School GPA: 3.0

Kalamazoo, MI

Coursework: Basic mathematics, technical drawing, shop safety, mechanical systems

CERTIFICATIONS

- IPC A 610 Acceptability of Electronic Assemblies 📅 2025

- IPC WHMA 620 Requirements and Acceptance for Cable and Wire Harness Assemblies 📅 2025

TECHNICAL SKILLS

- **Assembly Equipment:** Crimp presses, sonic welders, wire strippers
- **Soldering Equipment:** Soldering irons, soldering stations, solder wire
- **Hand and Power Tools:** Hand tools, power tools, cutters
- **Assembly Fixtures:** Fixtures, templates, layout boards
- **Inspection Equipment:** Microscopes, magnification, measuring devices
- **Wire Preparation:** Cutting, stripping, marking
- **Harness Processes:** Wire routing, crimping, termination
- **Electronic Assembly:** Component preparation, hardware installation, subassemblies
- **Finishing Processes:** Wire bonding, potting, sealing
- **Quality Standards:** IPC A 610, IPC WHMA 620, J STD 001
- **Production Documentation:** Drawings, wiring lists, work instructions
- **Manufacturing Support:** First articles, downtime reporting, housekeeping

SKILLS

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|-------------------------|------------------|---------------------|--------------------------|
| • Wire harness assembly | • Crimp presses | • Hand tools | • Visual inspection |
| • Electronic assembly | • Sonic welders | • Power tools | • Dimensional inspection |
| • Mechanical assembly | • Wire strippers | • Microscopes | • First article support |
| • Soldering | • Layout boards | • Measuring devices | |

PROFESSIONAL AFFILIATIONS

- Manufacturing assembly teams, contributing clear shop floor communication and dependable production support.
- Engineering first article support activities, sharing routing, fit, and work instruction questions from initial builds.

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST