

Cohen Henderson

Wire Harness Assembler

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STRENGTHS

- 🔧 **Precision Assembly**
Small details received close attention during harness builds, helping keep routing, termination, fit, and workmanship consistent.
- 🔍 **Inspection Discipline**
Visual and dimensional checks became part of each build, catching workmanship concerns before assemblies moved forward.
- 🔧 **Tool Confidence**
Crimp presses, wire strippers, soldering irons, fixtures, and measuring devices supported steady hands on production work.
- 💡 **First Article Support**
Initial builds offered useful learning moments, with routing and instruction questions recorded clearly for Engineering review.
- 🕒 **Production Reliability**
Dependable second shift attendance, housekeeping, and downtime reporting helped teams respond when demand changed.

SKILLS

Wire harness assembly

Electronic assembly

Mechanical assembly Soldering

Crimp presses Sonic welders

Wire strippers Layout boards

Hand tools Power tools

Microscopes Measuring devices

Visual inspection

Dimensional inspection

First article support

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

Northline Cable Works 📅 February 2025 - Present 📍 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

Great Lakes Electromechanical 📅 October 2023 - January 2025 📍 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

LANGUAGES

English	Native
Spanish	Beginner

MY CAREER



- Wire Harness Assembler at Northline Cable Works (1.7 Years)
- Assembly Technician at Great Lakes Electromechanical (1.2 Years)

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
Kalamazoo Central High School 🎓 GPA: 3.0 📅 2023 📍 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

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.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST