

Emmanuel Boyd

Maintenance Engineer B, Electrical

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📍 Berwyn, IL 60402

STRENGTHS

- 🔧 **Preventive Maintenance**
Kept PM routes moving across busy facilities. Clear records helped teams spot follow up needs before service interruptions.
- ⚡ **Electrical Troubleshooting**
Separated straightforward defects from issues needing journey level review. That judgment kept repairs safe and properly assigned.
- ♥️ **Safety Practices**
Tool setup, ladder checks, and orderly work areas became part of every assignment, especially in occupied buildings.
- 👥 **Team Guidance**
Helpers often received practical direction on routes, materials, and documentation. Small coaching moments improved repeat work.
- 🕒 **Responsive Coverage**
Evening and weekend irregularities received calm attention. Affected areas were secured before permitted corrective work began.

SKILLS

Preventive maintenance

Electrical repairs

Light fixture repair

Generator maintenance

VFD maintenance Switchboards

Distribution panels MCCs

Emergency systems Starters

Disconnects Work orders

Trade tools Safe work procedures

Confined spaces

SUMMARY

Electrical maintenance professional with eight years of progressive building systems experience after completing an accredited **service technician apprenticeship**. Performs code driven preventive maintenance, basic repairs, inspection support, and troubleshooting across main switchboards, distribution panels, MCCs, starters, disconnects, emergency systems, lighting, generators, and VFDs. Supports institutional, medical, public, and commercial facilities through disciplined safety practices, clear documentation, and responsive evening and weekend coverage. Completes assigned work under journey level direction, recognizes conditions requiring escalation, and provides practical guidance to helpers and lampers. Comfortable with heavy material handling, ladders, lifts, scaffolding, heights, confined spaces, and temperature variable environments. Completed Generator Maintenance and **Basic VFD Maintenance training**, holds **Operating Engineers Local 399** membership, and maintains a valid **Illinois driver's license**. Ready to contribute dependable electrical maintenance support and safe facility operations.

EXPERIENCE

Maintenance Engineer B, Electrical

Prairie Central Medical Campus 📅 March 2023 - Present 📍 Oak Lawn, IL

Supports hospital support buildings through electrical preventive maintenance, **basic repairs**, generator readiness, VFD checks, documentation, and limited helper guidance under established trade direction.

- Documented **preventive maintenance** checks across switchboards, panels, MCCs, starters, disconnects, and **emergency systems**.
- Isolated straightforward **electrical** defects and escalated conditions requiring **journey level electrician** intervention.
- Repaired minor light fixtures across occupied areas while coordinating access around clinical operations.
- Inspected VFD condition, connections, cleanliness, and fault indications before recording follow up needs.
- Supported generator readiness rounds using trained maintenance procedures and compliance records.
- Guided **helpers** through PM routes, tool setup, ladder practices, and orderly documentation.

Building Maintenance Engineer, Electrical

Metro Civic Facilities Cooperative 📅 July 2020 - February 2023 📍 Chicago, IL

Maintained electrical systems across public facilities through recurring PM routes, basic repairs, emergency system support, work order records, and rotating after hours coverage.

- Completed recurring PM routes across **public facilities** and recorded equipment conditions in **work orders**.
- Repaired basic lighting circuits, fixtures, **disconnects**, **starters**, and panel related components under direction.
- Supported MCC and emergency system maintenance while coordinating equipment access with facility operations.
- Applied **Basic VFD Maintenance training** during inspections and documented abnormal indications for electrician review.
- Responded to evening and weekend irregularities, securing affected areas and completing permitted corrective actions.
- Guided helpers through safe material handling, lift setup, ladder use, and documentation practices.

Service Technician

West Suburban Property Services 📅 June 2018 - June 2020 📍 Forest Park, IL

Performed supervised commercial **building maintenance**, lighting repairs, generator support, equipment checks, safe tool use, and field documentation across varied work environments.

LANGUAGES

English	Native
Spanish	Intermediate

MY CAREER



- Maintenance Engineer B, Electrical at Prairie Central Medical Campus (3.5 Years)
- Building Maintenance Engineer, Electrical at Metro Civic Facilities Cooperative (2.6 Years)
- Service Technician at West Suburban Property Services (2 Years)
- Service Technician Apprentice at Midwest Technical Training Center (1.9 Years)

- Completed **preventive maintenance** checks for commercial electrical, **lighting**, and building equipment systems.
- Repaired and replaced basic light fixtures and lamps, restoring safe operation for occupants.
- Supported **generator maintenance** through visual inspections, housekeeping, basic checks, and record updates.
- Used **hand and power tools** in mechanical rooms, utility spaces, and elevated work areas.
- Inspected panels, starters, **disconnects**, and related infrastructure, escalating abnormal conditions to senior trades.
- Built dependable work order, parts preparation, ladder, and confined space awareness practices.

Service Technician Apprentice

Midwest Technical Training Center 📅 June 2016 - May 2018 📍 Cicero, IL

Completed an accredited **service technician apprenticeship** combining classroom instruction with supervised field practice in building maintenance and electrical support.

- Completed accredited apprenticeship instruction with supervised **building maintenance** and **electrical** support practice.
- Practiced **preventive maintenance** routines on lighting, distribution, motor control, and **emergency power** equipment.
- Developed safe tool handling, material movement, ladder use, lift awareness, and jobsite housekeeping.
- Diagnosed supervised light fixture issues, replaced components, and verified functional operation.
- Studied motors, starters, **disconnects**, panels, and distribution while recognizing escalation boundaries.
- Maintained apprenticeship logs showing progress in safety, PM execution, equipment identification, and documentation.

PROJECTS

Hospital Emergency Power Readiness 📅 2024

Supported recurring generator readiness checks across hospital support buildings, using trained inspection routines, clear records, and escalation practices for continuity reviews.

Public Facility VFD Inspection Program 📅 2022

Applied Basic VFD Maintenance training across recurring inspection routes, recording operating conditions, fault indications, and follow up needs for electrician review.

LEADERSHIP & AWARDS

- Recognized for dependable after hours response during rotating evening and weekend facility coverage.
- Selected to guide newer helpers through safe tool use, ladder setup, material handling, and PM records.
- Completed accredited service technician apprenticeship with consistent progress in electrical maintenance and safety practices.

EDUCATION

High School Diploma

J. Sterling Morton East High School 🎓 GPA: 0 📅 2016 📍 Cicero, IL

Coursework: *Electrical safety, building systems, preventive maintenance, trade tools*

CERTIFICATIONS

- Generator Maintenance Course 📅 2021
- Basic VFD Maintenance Training 📅 2022
- Operating Engineers Local 399 Member 📅 2023
- Valid Illinois Driver's License 📅 2023

TECHNICAL SKILLS

- **Electrical Distribution:** Main switchboards, distribution panels, MCCs
- **Motor Controls:** Starters, disconnects, motor control centers
- **Emergency Power:** Generators, emergency systems, readiness checks
- **Variable Frequency Drives:** VFD maintenance, fault checks, condition checks
- **Lighting Systems:** Light fixtures, lamps, lighting circuits
- **Preventive Maintenance:** PM routes, inspection records, work orders
- **Maintenance Tools:** Hand tools, power tools, trade tools
- **Access Equipment:** Ladders, lifts, scaffolding
- **Safety Procedures:** Safe work procedures, lockout awareness, housekeeping
- **Work Environments:** Heights, confined spaces, hot spaces

PROFESSIONAL AFFILIATIONS

- Operating Engineers Local 399 member, eligible for continued trade participation and professional development.
- Supports safe, orderly maintenance work through practical cooperation with electricians, helpers, lampers, and facility teams.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST