

Emmanuel Boyd

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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

March 2023 - Present

Prairie Central Medical Campus

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

July 2020 - February 2023

Metro Civic Facilities Cooperative

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

June 2018 - June 2020

West Suburban Property Services

Forest Park, IL

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

- 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

June 2016 - May 2018

Midwest Technical Training Center

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

SKILLS

- | | | | |
|--------------------------|-----------------------|---------------------|------------------------|
| • Preventive maintenance | • VFD maintenance | • Emergency systems | • Trade tools |
| • Electrical repairs | • Switchboards | • Starters | • Safe work procedures |
| • Light fixture repair | • Distribution panels | • Disconnects | • Confined spaces |
| • Generator maintenance | • MCCs | • Work orders | |

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.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST