

Example Electric

ELECTRICAL SERVICE REPORT

DEMO-002

ACTION NEEDED

Example Electric

100 Example Street

Kansas City, MO 64105

(816) 555-0100

SERVICE DATE

Sep 21, 2026

VISIT TYPE

Scheduled service and testing

ELECTRICIAN

Example electrician

PREPARED FOR

Example Property Group

300 Example Boulevard

Kansas City, MO 64108

SERVICE AT

Example office building

300 Example Boulevard

Kansas City, MO 64108

Electrician's record for this visit. Measurements are the electrician's own observations, not manufacturer specifications, an engineering study or a code inspection.

Some items found on this visit are still outstanding. They are listed under what still needs attention.

VISIT AND EQUIPMENT	
Equipment	LP-2 · Lighting panel, 2nd floor
Equipment type	Subpanel
Location / area served	Electrical room 2B
Manufacturer / model / serial	Demo · DEMO-LP42 · EXAMPLE-2042
Main breaker / bus rating	225 A · 225 A
Fed from	MDP-1
Start	2026-09-21 08:30
End	2026-09-21 11:15
Time zone	America/Chicago
Electrician	Example electrician
Equipment on arrival	Energized and serving load
Equipment on departure	Energized and serving load
Power	Shut off during this visit.

Summary for the customer

The panel is energized and in service. Rebalancing phase C is left for the suite refit.

WHAT WE FOUND

F1 · Circuit 5/7 breaker lug NEEDS REPAIR

Discolored lug at 168 °F under load; conductor loose.
Evidence: Thermal scan

F2 · Phase C loading MONITOR

Phase C carries noticeably less load than phases A and B.

WHAT WE DID

R1 · Completed

Replaced the 30 A two-pole breaker and re-terminated both conductors.
Addresses: F1 · Circuit 5/7 breaker lug
Materials:
• 30 A two-pole breaker × 1
Verification: Resolved · Measurements retaken after repair
• Hottest connection found (thermal scan): 92 °F — Acceptable to technician

SERVICE PERFORMED

Lockout/tagout applied and absence of voltage verified	Completed
Infrared / thermal scan performed	Completed
Terminations torqued to specification	Completed
Overcurrent devices exercised	Completed
GFCI / AFCI devices tested	Completed
Arc-flash label present and legible (NEC 110.16)	Completed
Circuit directory updated and legible (NEC 408.4(A))	Completed
Covers and deadfronts refitted	Completed

MEASUREMENTS TAKEN

These are the values the electrician measured on this visit and how the electrician assessed them. This report does not compare them against manufacturer specifications, an engineering study or the electrical code.

Line-to-line A–B (L1–L2)	208.4 V — Acceptable to technician
Line-to-neutral A–N (L1–N)	120.1 V — Acceptable to technician
Current, phase A (L1)	96 A — Acceptable to technician
Current, phase B (L2)	88 A — Acceptable to technician
Current, phase C	61 A — Acceptable to technician
Hottest connection found (thermal scan)	168 °F — Outside expected range (Circuit 5/7 lug)
Ambient temperature at the equipment	74 °F — Acceptable to technician

WHAT STILL NEEDS ATTENTION

Findings not repaired and verified on this visit:

- F2 · Phase C loading — Phase C carries noticeably less load than phases A and B. (Monitor)

Recommended work and the decision recorded:

Rebalance single-phase loads when suite 210 is refit.

Addresses: F2 · Phase C loading

Deferred to a later visit — Example Property Group

Electrician signature / date · Example electrician

Customer signature / date

RECORD HISTORY

Record ID	EXAMPLE-0002
Entered by	Example electrician
Saved at (UTC)	2026-09-21T16:20:00.000Z
Record source	Technician visit
Equipment revision at time of service	3

Prepared from information entered by the servicing company. Measurements and assessments are the electrician's own observations. This report does not certify equipment condition or safety, does not establish available fault current or incident energy, and does not replace any inspection required by a manufacturer, utility or authority having jurisdiction.