Tyler Brandt

Journeyman Electrician · Commercial Construction · Texas License

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SUMMARY

Texas-licensed journeyman electrician with 10 years in commercial construction, 6 as a journeyman. Works tilt-wall warehouses, medical offices and school renovations on 480Y/277V and 208Y/120V systems. Runs a two-apprentice crew and bends conduit from 1/2 inch EMT to 4 inch rigid.

EXPERIENCE

Journeyman Electrician · Tarrant Commercial Electric — Jun 2020 – Present

Fort Worth, TX

- Set and terminated a 1,200A 480Y/277V service, six panelboards and two 75 kVA dry-type transformers for a three-story medical office building.
- Ran EMT and rigid feeders up to 4 inch for a 186,000 sq ft tilt-wall distribution warehouse, including cable tray to the dock-door equipment.
- Wired 412 LED troffers with nLight occupancy and daylight controls across a 38-classroom middle school renovation, finishing during summer break.
- Passed 41 of 43 City of Fort Worth rough-in and final inspections first time on 2024 and 2025 jobs.
- Led a crew of two apprentices on layout, pulls and terminations; checked their conduit fill and box fill against NEC Chapter 9 tables.
- Traced a recurring ground fault on a rooftop unit circuit with a Megger insulation tester to a damaged conductor in a crushed conduit.

Electrical Apprentice · Hollis Electric Co. — Aug 2016 – May 2020

Fort Worth, TX

- Logged 8,120 on-the-job hours under a TDLR apprentice registration on retail, restaurant and multifamily projects.
- Pulled and terminated MC cable and THHN for 96 units across a four-building apartment complex.
- Dug, laid and glued schedule 40 PVC for site lighting and parking lot pole bases.

EDUCATION

Four-Year Electrical Apprenticeship (576 classroom hours) · IEC Fort Worth/Tarrant County — May 2020

SKILLS

Code knowledge: NEC 2023, Article 220 load calculations, Article 250 grounding and bonding, Chapter 9 conduit fill, Blueprint and one-line reading

Installation: EMT, rigid and PVC, MC cable, Cable tray, Switchgear and panelboards, Dry-type transformers, Lighting controls

Tools: Greenlee 555 bender, Hand benders, Fluke multimeters, Megger insulation tester, Scissor and boom lifts

CERTIFICATIONS

Texas Journeyman Electrician License, TDLR (2020) · OSHA 30-Hour Construction · NFPA 70E Arc Flash Awareness · MEWP (Aerial Lift) Operator · First Aid/CPR