



Chris Cessna

Field Engineer

Chris has developed his expertise working with both private companies and public utilities, particularly water treatment and sanitation facilities. He is experienced with diagnosis and calibration of instrumentation devices, installation/terminating switchgear, MCCs and transformers, AC and DC control wiring, and installation of 21KV components. Chris also excels at troubleshooting control wiring and instrumentation devices, PLC wiring and installation, and is also a Level 1 Certified Thermographer.

Career Highlights

e-Hazard **2023-Present**
Field Engineer

San Juan Water District **2016-2023**
Electrical & Instrumentation Technician

- Ensured the district water treatment plant, pump stations(9), and wholesale meter sites(30), ran efficiently with minimal downtime
- Planned, designed and implemented two-week districtwide shutdown to perform circuit breaker testing on district ccircuit breakers of 100 amps or larger, 12kv load break switches (4), and 500kVA+ transformers(4)
- Project Lead on 2021 Arc Flash Study & Circuit Breaker Testing. Included development of scope for RFP, Project Sequencing, Implementation of Testing & direction of 3rd Party vendors for a seamless testing schedule.

Tahoe-Truckee Sanitation Agency **2012-2016**
Electrical & Instrumentation Technician

- Lead technician for arc flash, circuit breaker testing, shutdowns
- Developed, organized and researched one-line drawings for the entire WWTP electrical infrastructure
- Preventative maintenance on 480vAC switchgear, VFDs, transformers, MCCs, generators, automatic transfer switches, and other electrical components

H.G.H Electric, Inc. **2009-2012**
Electrician

- Foreman on multiple fresh and wastewater treatment plants in North & East Bays of California while being responsible for the direction of up to five electricians, as well as organization and planning the installation of time critical components
- Lead electrician on the East Bay Municipal Utilities District power generation station as a 5th year apprentice electrician.

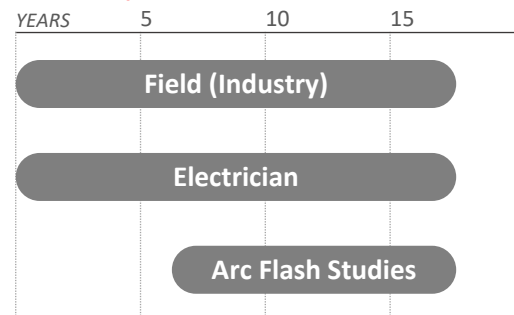
Snapshot

Focus

SERVICES

- Arc Flash Studies

Career Experience Timeline



Education & Certifications

Western Electrical Contractors Association, Sacramento, CA

Joint Apprenticeship

California Water Environment Association (CWEA)

Certified Electrical/Instrumentation Grade 2

Infrastructure Institute

Certified Infrared Thermographer L1

Licenses & Professional Memberships

Licensed General Electrician, California