

George Stanley

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SUMMARY

NETA field service technician with eight years supporting inspection, testing, commissioning, troubleshooting, and maintenance for low, medium, and high voltage electrical systems through 500 kV. Performs power transformer diagnostics with Doble, TTR, and **insulation resistance** methods, plus **instrument transformer testing** and **protective relay calibration**. Applies Tan Delta, Power Factor, VLF, and DC Hipot methods during cable assessment. Tests switchgear, circuit breakers, power metering systems, and **automatic transfer switches** during maintenance, start up, and outage work. Communicates field findings clearly through accurate records and customer discussions. Works safely during independent assignments, team deployments, emergency calls, overnight travel, extended shifts, and demanding outdoor conditions. NETA Level III certification, NFPA 70E, OSHA 30, CPR, First Aid, BBP, AED training, associate education, and an unrestricted driver license support dependable service delivery.

EXPERIENCE

Senior NETA Field Service Technician

January 2024 - Present

Copper Mesa Electrical Testing

Tempe, AZ

Leads field testing, commissioning, emergency response, and technician mentoring for utility, manufacturing, and critical infrastructure customers. Owns safe test sequencing, technical documentation, customer communication, and reliable return to service across active sites.

- Led commissioning for systems through **500 kV**, coordinating test boundaries and safe sequencing at active sites.
- Performed Doble, TTR, and insulation resistance tests, documenting transformer findings for maintenance decisions.
- Calibrated protective relays and verified **power metering**, tracing abnormal readings through wiring and settings.
- Executed **Tan Delta**, **Power Factor**, VLF, and DC Hipot tests before engineering review and energization.
- Tested switchgear and **circuit breakers**, troubleshooting automatic transfer switches during **start up** windows.
- Rotated emergency on call coverage, mentoring technicians on documentation and NFPA 70E safety practices.

NETA Field Service Technician

March 2021 - December 2023

Sonoran Power Diagnostics

Phoenix, AZ

Completed acceptance and maintenance testing for industrial and commercial distribution assets. Supported customer procedures, outage plans, **start up activities**, field records, and technical communication across extended travel assignments.

- Completed acceptance testing for distribution assets, using customer plans to establish equipment condition.
- Conducted transformer diagnostics with **Doble**, **TTR**, and insulation resistance methods, producing organized records.
- Tested cables with Tan Delta, Power Factor, and **VLF** methods during scheduled maintenance outages.
- Tested **switchgear** and circuit breakers, identifying mechanical issues that threatened safe operation.
- Verified relay pickup, timing, and control behavior against approved settings and test documentation.
- Supported **start up** by recording final readings and communicating unresolved conditions before energization.

Electrical Field Technician

October 2018 - February 2021

Canyon State Electrical Services

Glendale, AZ

Supported **electrical testing** and maintenance crews on low and **medium voltage** distribution systems. Built field capability through supervised test setup, equipment inspection, documentation, start up support, and safe work practices.

- Set up **insulation resistance** and transformer ratio tests under senior technician direction, capturing traceable readings.
- Inspected circuit breakers and switchgear, completing cleaning, mechanical checks, and test preparation.
- Prepared cable test areas, confirming equipment identification and documenting results for technical review.
- Supported **start up** walkdowns, punch list verification, and customer communication before service entry.
- Applied **electrical safety procedures** during outdoor work, lifting, kneeling, **overtime**, and travel assignments.
- Maintained organized test records that helped senior technicians close field issues before energization.

PROJECTS

500 kV Commissioning Program 📅 2026

A field assignment became a lesson in calm preparation. Coordinated test sequencing, transformer diagnostics, relay checks, and customer communication across high voltage systems, helping crews make informed energization decisions.

Emergency Power Transfer Testing 📅 2025

A difficult outage window showed value of steady teamwork. Troubleshot automatic transfer switches, verified circuit breaker operation, captured field data, and supported dependable return of critical power.

LEADERSHIP & AWARDS

- NETA Certified Technician Level III, earned 2023 through sustained field testing performance.
- Safety leadership recognition for consistent NFPA 70E practices during demanding customer assignments.
- Field service mentoring recognition for guiding technicians through test setup and documentation.

EDUCATION

Associate of Applied Science in Electrical Power Systems

Mesa Community College GPA: 4.0

2018

Mesa, AZ

Coursework: Power transformers, electrical testing, protective relays, electrical safety

CERTIFICATIONS

- NETA Certified Technician Level III 2023
- OSHA 30 Hour Construction Safety 2024
- NFPA 70E Electrical Safety Training 2025
- CPR, First Aid, BBP, and AED 2026

TECHNICAL SKILLS

- **Transformer Testing:** Doble, TTR, Insulation Resistance
- **Cable Testing:** Tan Delta, Power Factor, VLF
- **High Voltage Testing:** DC Hipot, 500 kV Systems, Dielectric Testing
- **Protective Relays:** Electro Mechanical Relays, Solid State Relays, Relay Calibration
- **Power Metering:** Power Meters, Instrument Transformers, Meter Verification
- **Switchgear Systems:** Low Voltage Switchgear, Medium Voltage Switchgear, High Voltage Switchgear
- **Circuit Breakers:** Breaker Testing, Mechanical Inspection, Electrical Testing
- **Transfer Systems:** Automatic Transfer Switches, Start Up Testing, Transfer Troubleshooting
- **Safety Standards:** NFPA 70E, OSHA 30 Hour, Electrical Safety Procedures
- **Emergency Service:** On Call Response, Customer Emergencies, Outage Support
- **Field Documentation:** Field Data Collection, Test Records, Technical Reports
- **Service Operations:** Commissioning, Acceptance Testing, Maintenance Testing
- **Worksite Readiness:** Fit For Duty, Manual Labor, Inclement Weather Work

SKILLS

- Field Testing
 - Troubleshooting
 - Start Up
 - Data Collection
- Relay Calibration
 - Power Metering
 - Cable Testing
 - Switchgear Testing
- Circuit Breaker Testing
 - Transformer Testing
 - Customer Communication
 - Emergency Response
- Electrical Safety
 - On Call Coverage
 - Technical Documentation

PROFESSIONAL AFFILIATIONS

- NETA professional community participant focused on electrical testing quality and technician growth.
- Electrical safety learning community participant supporting NFPA 70E practices and field awareness.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST