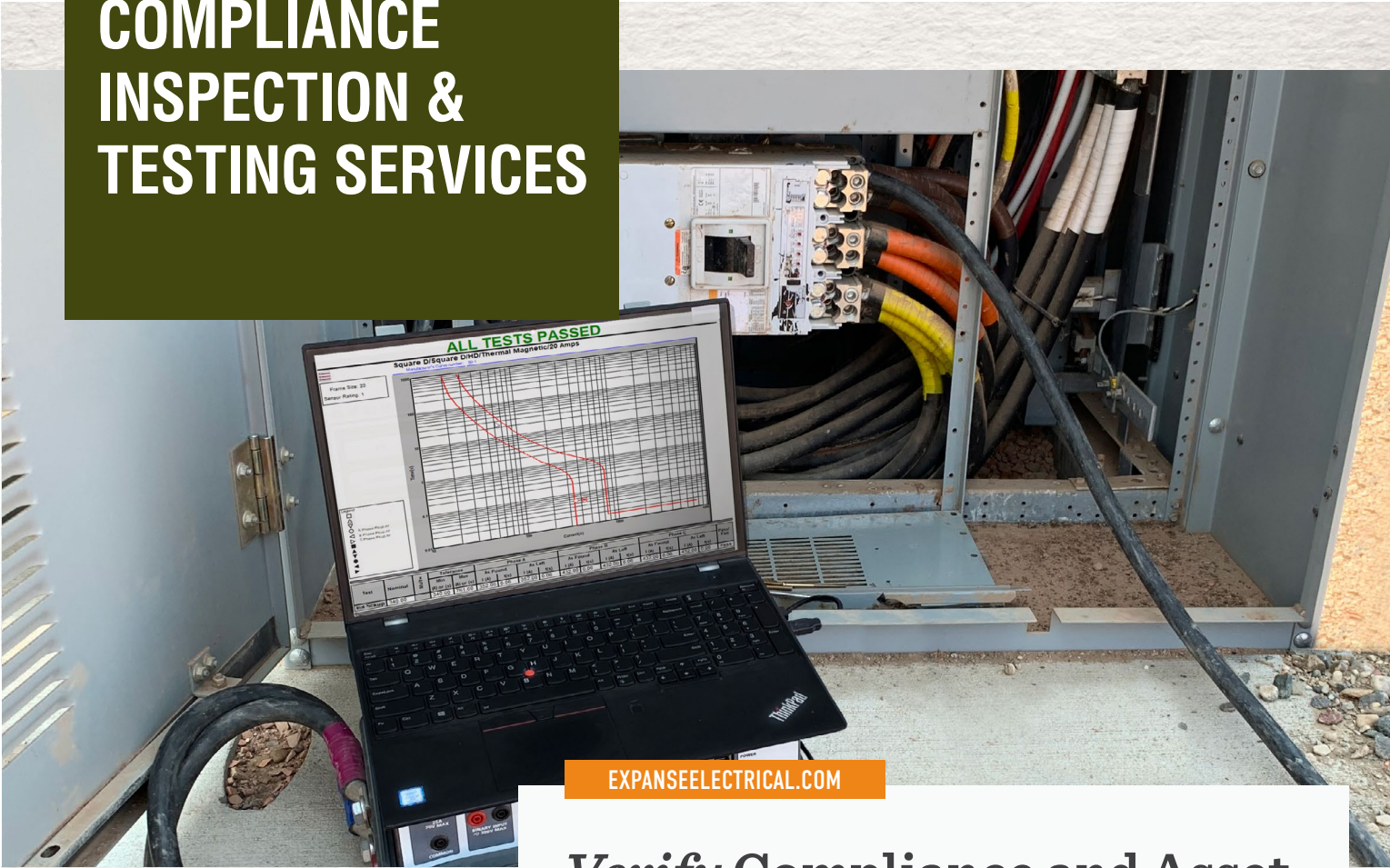


COMPLIANCE INSPECTION & TESTING SERVICES




EXPANSEELECTRICAL.COM

Verify Compliance and Asset Performance with Expanse

Compliance ensures a minimum set of rules are followed to keep assets operating efficiently, securely and in a manner that keeps workers, the community and environment safe. Expanse electricians understand the significance of maintaining code proficiency to ensure our inspection and testing services verify a site is hazard free.


From asset performance power factor and automation system integrity testing to individual asset tests that verify NEC compliance, Expanse supports a range of services across multiple industries.

Benefits of Routine Inspection & Testing


MAXIMIZES COMPLIANCE


VERIFIES INTEGRITY


MINIMIZES RISK


OPTIMIZES EFFICIENCY



The Expanse Advantage

- In-Depth Understanding of Electrical Code
- Advanced Instrumentation Integration Insight
- Lifecycle Support for All Electrical & Control System Active Parts

Capabilities

ENERGY MONITORING

Monitor your facility's power factor to gain an accurate overall picture of energy usage and planning efficiency measures.

HARMONIC TESTING

Ensure utility site compliance with field tests to assess if your power system harmonic voltages and currents are within acceptable ranges.

PRIMARY INJECTION TESTING

Verify conformity of your integral ground fault protection equipment with high current primary injection testing.

HEAT TRACE TESTING

Keep electric heat tracing systems reliable and safe with temperature testing and testing electrical characteristics to specification.

AVAILABLE FAULT CURRENT LABELING

Meet NEC compliance requirements with field markings that verify the date the fault current calculation was performed and sufficient durability to withstand the environment involved.

GAS DETECTION, TESTING & CALIBRATION

Detect gas accurately and reliably with monitors and tools correctly calibrated to sound an alarm in the presence of H₂S & CO.

FIBER OPTIC CABLE LEAK DETECTION

Install fiber optic cable during construction to preemptively assist in detecting leaks via temperature variation and vibrations.

THERMAL IMAGING

Detect leaks based on temperature differences via thermal camera and video analytics to verify liquid movement and leak size.

AUTOMATION SYSTEM INTEGRITY TESTING

Validate your site via a comprehensive automation system integrity test to ensure all add-ons and new integrations function properly.



Why Expanse?

- 24/7 Emergency Response
- 70+ Years of Experience
- Turnkey Services & Solutions
- In-House Engineering Department
- Experienced Craftsmen
- Local Expertise on National Scale
- Customer Support Across Geographical & Operational Spectrums

EXPANSE
← ELECTRICAL CO. →

NEW MEXICO

Carlsbad

NORTH DAKOTA

Williston

OKLAHOMA

Oklahoma City • Tulsa

TEXAS

Andrews • Big Spring • Houston
Midland • Odessa • San Angelo

FOR MORE INFORMATION

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