

K&A Testing & Commissioning Services

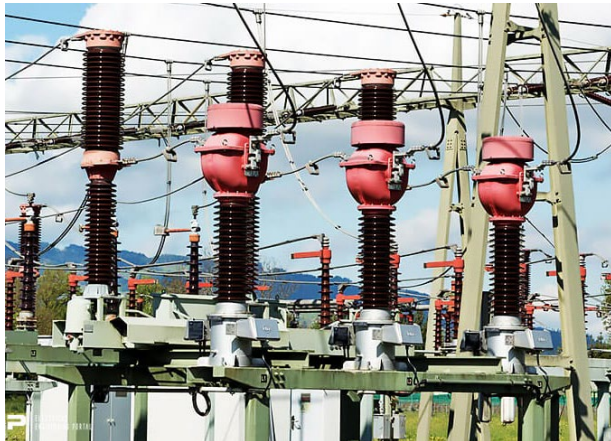


Overview:

K&A Engineering Consulting P.C. offers professional Testing & Commissioning services including inspection, testing, analysis, acceptance of electrical power systems, and future operations and maintenance. This includes protective relays, low-, medium-, high-voltage transmission and distribution, substation, and generation components. The K&A Testing & Commissioning team can also establish initial equipment condition and provide a baseline for future operation and maintenance to support our

Unique Abilities:

- ❖ K&A is committed to perform our work in alignment with our customer's standards and procedures.
- ❖ End to end services working with the utilities, developers, and construction firms.
- ❖ Development of project-specific testing and commissioning procedures.



Services:

- ❖ **Transformers**
 - Start-up & Commissioning
 - Oil Sampling for Insulation Fluid testing & Evaluation
 - Doble Insulation Power Factor, Sweep Frequency Response Analysis (SFRA) Testing, and others.
- ❖ **Instrument Transformers**
 - Current Transformers Testing (Megger tests, Polarity, Primary to Secondary Ratio, Secondary Taps ratio, Excitation, and Visual wiring Check for correct taps & checking against setting sheets).
 - Potential Transformers Testing
- ❖ **Circuit Breakers**
 - Testing & Inspection
 - Medium Voltage: OCB, SF6, Vacuum, and other Testing
 - Low Voltage circuit breakers testing
- ❖ **Switches**
 - Air, Vacuum, SF6 & Oil Insulated testing
- ❖ **Protective Relays**
 - Load the settings unto the relays
 - Test and verify the relay accuracy
 - Calibration
- ❖ **Cables**
 - VLF Testing
 - Shield Continuity Testing & Inspection
- ❖ **Grounding Systems & Ground Grid Testing**
 - Fall-of-Potential Test
 - Soil Resistivity & Earth Ground Testing
- ❖ **Functional Testing (Primary & Secondary Injection)**
 - Verify the wiring and connections to the new circuit breakers, relaying, meters, and lockout devices to meet the intended application.
- ❖ **Battery & Charger Testing**
 - Specific gravity
 - Cell strap connection Resistance & Voltage readings.

Staffing Details:

- ❖ International Electrical Testing Association (NETA) certified key technical staff
- ❖ Our goal is to become a NETA Independent, a third-party electrical Testing association dedicated to setting world standards in electrical maintenance and acceptance testing.
- ❖ K&A Engineering Consulting P.C. is represented by experienced commissioning engineers and relay technicians to support electric utilities, developers, industrial and commercial clients across the country.

Headquarters

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