

NETA Standardized Testing and Commissioning Services



Paradigm Controls of Texas Field Service

www.pctx.us

- Relays
- Transformers of all types
- Switchgear
- Motor controls
- Low voltage breakers
- Medium voltage breakers
- Motor control centers, low & medium voltage
- Soft starts
- Variable Frequency Drives, Bypass/
Tie Configurations
- Supervisory Control and Data Acquisition
(SCADA) systems
- Full Commissioning of all types of switchgear,
SCADA, MCC, and Substation protection
- All types of cable and bus testing along with
VLF services
- SF6 breakers
- Ground ring testing and improvements
- Motor testing
- IR analysis
- OCB
- Coordination Studies/Engineering
- UPS/DC Systems/Batteries



*Paradigm Controls of Texas offers a wide
range of electrical testing along with turnkey
PDC installation and repair services.*

For More Information Contact
Our Field Service Department at
service@pctx.us

(346) 352-1891

Innovative solutions for electrical equipment

PDC/Power Control Room Turnkey Services

- ✦ Crane services
- ✦ Site advisory
- ✦ Assembly of PDC
- ✦ HVAC Installation
- ✦ Catwalk Stairway Installation
- ✦ Exterior Lighting Assembly
- ✦ Internal/External Interconnects
- ✦ Power Distribution
- ✦ PDC Modifications



PCTX Preventive Maintenance

Preventive Maintenance:

- ✦ IR Analysis
- ✦ Breaker timing & Testing LV & MV
- ✦ Relay calibrations
- ✦ Motor vibration analysis
- ✦ Liquid filled transformer oil sampling & testing
- ✦ VFD PM inspection
- ✦ Power quality monitoring
- ✦ Scada repair upgrades
- ✦ Ground ring testing fall & potential
- ✦ Full LV/MV Switchgear testing
- ✦ Full LV/MV MCC testing
- ✦ Non-destructive VLF cable testing
- ✦ Bus duct inspections testing
- ✦ UPS/DC Battery system testing

HVAC Preventive Maintenance 6 or 12 Month Plan

- ★ Change all filters
- ★ Check system operating pressure
- ★ Inspect squirrel cage/bladed type fans for debris or signs of wear & tear
- ★ Clean condensate drains
- ★ Inspect crank case heaters, if applicable
- ★ Inspect insulating material
- ★ Function check thermostat
- ★ Test electric heat

Upon completion of the above inspection PCTX provides a detailed report on findings, along with an outline of repairs and cost.

Low and Medium Voltage Drives

- ✦ Factory Certified Technicians
- ✦ Factory Warranty Repairs
- ✦ Startup Commissioning
- ✦ Load Testing
- ✦ Design/Engineering
- ✦ Coordination Studies
- ✦ Full Replacement & Upgrades
- ✦ Custom Preventive Maintenance Plans

TOSHIBA
Leading Innovation >>>

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