

# NEO-TRAN TECH ENTERPRISES

N.S.Temple Street,  
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**About Us:** We Neo-Tran Tech Enterprises a well known service provider firm in Andhra Pradesh and Odisha. It is started by Mr. Manoj Kumar Behera (qualified B.Tech in EEE from NIST ) in the year of 2014. We gave services to 100s of customers across Odisha and Andhra Pradesh and received good compliment from them.

We have our repairing shed situated at Tekkali with all kind of Winding, Ovening, Tanking and Testing Facilities and we are provide our best service to AP Govt. and repaired more than 2000 transformers and we can repair transformers up to 10 MVA 132 KV class.

We give onsite repairing for Transformer rating < 500 KVA & LT Motors

**We Do:** Service, Repair, Maintenance, AMC, Spare Parts, Erection, Commissioning, Testing and supply of New Electrical Equipments and etc..

## Services we provide

We Provide services for your Transformers, Circuit Breakers, Isolators etc..

**Transformer:** Complete Overhauling  
Leakage Arrest  
Repairing  
Erection  
Commissioning  
Testing  
Filtration of Transformer Oil  
Servicing of rectifiers  
Servicing of Reactors  
Servicing of RVTs  
Augmentation of transformer  
OLTC Internal Parts Servicing  
OLTC - RTCC panel auto / Manual Operation  
Supply of new transformers up to 100 MVA 132 / 220 KV Class  
Supply of all kind of special transformers  
Supplying spare parts of Transformer ( PRV, GOR, MOG, WTI, OTI etc..)

**Breakers:** Checking of Drive Mechanism  
Contact gap adjustment  
Electrical Connection checking  
Erection  
Commissioning  
Testing  
Trip setting  
Complete overhaul for every 5 years / more than 5000 operation  
Supplying of spare parts of CB. (SCM, CC, TC, AS, SA, SPA etc..)  
Replacement of spare parts

**Isolator:** Complete overhauling to work freely and lock while operation

**Testing: Transformers up to 100 MVA on site**

IR Value

PI Value

Voltage Ratio

Magnetic Balance

Magnetizing current

Winding Resistance

Dielectric frequency response test

Tan Delta & Stability tests of transformer

**Circuit breakers Tests:**

Contact Resistance with 100A DC

Breaker Close / Open Time and Open / Close Time

IR Value across poles when Breaker is OFF

IR value between poles when Breaker is ON

Pole discrepancy test

Checking of Gas density of meter and contact after filling

**Current Transformer Tests:**

Insulation resistance between Primary to earth

Insulation resistance between Primary to secondary

Insulation resistance between secondary to earth

Insulation resistance between secondary

Polarity

Ratio

Knee point voltage for PS class

Winding Resistance

Circuit continuity from CT to panel.

**CVT Tests:**

Insulation Resistance between HV to Earth

Insulation Resistance between HV to Secondary

Insulation Resistance between Secondary to Earth

Insulation Resistance between Secondary

Polarity Test

Ratio Test

Circuit Continuity CVT to panel

Secondary winding resistance

**Isolator Tests:**

Contact Resistance with 100A DC

Isolator Close / Open time

IR value of insulator

Current measurement of drive motor

Functional test local / remote

Limit switch operation check

Inter lock with Earth switch ( applicable for line isolators)

Control panel wiring check

**Transformer Oil Tests:**

Density  
Kinematic Viscosity  
Dissolved Gas Analysis  
Furan Analysis  
Pour Point  
Interfacial tension  
Flash Point  
Neutralization value  
Dielectric Dissipation Factor  
Specific Resistance  
Water Content  
Sludge Content

**Supply:**

New Transformers of all kind (Dry type / Cast Resin / PTR / DTR  
Furnace Transformers / Solar duty Transformer / Compact Sub station  
spare parts of Transformers  
Spare parts of circuit breakers and Isolators

**Repairing:**

We have our repairing factory at Tekkali, Srikakulam (Dist.)  
we have capacity of repairing up to 10 MVA  
We give Onsite LT Motor Repair upto 200 HP

**AMC:**

We also takes AMC (Annual maintenance contract) for Transformers

**Safety we Follow:** Our employees respects safety and follows it.

We have our Expert manpower who can erect 10 MVA transformer within 5 Hour with all kind of safety.

Kindly tell us for your valuable enquiry on [neotrantech@gmail.com](mailto:neotrantech@gmail.com)  
feel free to call us at any time.  
We are 24 X 7 ready to help you.  
Eagerly looking for a call from you

Thanks & Regards;  
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**WE NEVER HIGHLIGHT QUALITY IN OUR CHARACTERSTICS BECAUSE IT IS EMBEDED IN OUR PROCESS**





