

**KONGARASU TAMILARASU**

Mobile No: +91-9003775820

**Sr. Testing & Commissioning Engineer**

e-mail: [kongarasut@gmail.com](mailto:kongarasut@gmail.com)

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**OBJECTIVE:**

To work efficiently and effectively as well as grow with a prestigious organization in the field of electrical constructive and development or testing & commissioning. So as where I can achieve my self-realization with accomplishment of organizational goals.

**CARRIER PROFILE:**

- ✓ Around 5 Years & 6 Months of Experience in Testing & Commissioning.
- ✓ Testing & Commissioning of Outdoor & Indoor Substation up to 765KV to 0.415KV & Generating Station.
- ✓ Configuration, Testing & Commissioning of Siemens (Relays & BCU's), Alstom, Schneider, Siemens Reyrolle, and ABB make Relays.
- ✓ Testing & Commissioning of CT, CVT, Circuit Breaker, Disconnecter Switch & LA.
- ✓ Testing & Commissioning of control and relay panels for HV, LV Switchgear & Switchyard Panels.
- ✓ Scheme checking of Feeder Protection, Transformer Protection, Busbar Protection, Distance Protection & Generator Protection Schemes.
- ✓ Annual maintenance testing of relays and Indoor & Outdoor equipment's.

**EDUCATION SUMMARY:**

- ✓ **B.E - Electrical & Electronics Engineering** (Graduation April 2013)  
Paavai College of Engineering (Under Anna University, Chennai)  
CGPA: 8.80

**EXPERIENCE SUMMARY:**

- ✓ **Sr. Testing & Commissioning Engineer,**  
PDCS Projects India Private Limited,  
Chennai-600037, Tamilnadu,  
October 2013 – till date.

**TECHNICAL STRENGTH AND KEY FEATURE:**

- ✓ Excellent SLD, Scheme checking/review skills, close to system requirement.
- ✓ Trouble shooting, retrofitting, amendments and modification in the schemes as per site/system/customer designing requirements.
- ✓ Easy understanding, approaching and execution to any type of cutting-edge technology electrical system.
- ✓ Planning & corrective approach to execute a work.
- ✓ Making schedule depend on the site implementation, commissioning activity and execution in the same with clear follow-up.
- ✓ Project Review report by weekly, monthly and making a gap analysis to finish-up the project.
- ✓ Maintain all environment safety and health as per industrial safety rule.

**MAJOR PROJECTS INVOLVED IN INDIA:**

➤ **400/220/132 KV S/S at TSTRANSCO, Suryapet, Telangana.**

- ✓ Testing & Commissioning of Circuit Breaker, Disconnecter Switch, LA, Power Transformers, CT, PT, CVT
- ✓ CT Primary Injection, CVT Secondary Injection, Busbar Stability & Transformer stability
- ✓ Overall Scheme Checking & Commissioning of Switchyard Equipments

- **SRL Power Systems at Pallavaram, Chennai**
  - ✓ Testing of 110/33 KV CRP: Alstom make relays P141,P642
  - ✓ Overall Scheme Checking
  
- **400/220 KV S/S at OPTCL, New Duburi, Odisha**
  - ✓ Testing & Commissioning of Siemens make relays 7SD52,7VK61,6MD66
  - ✓ Overall Scheme Checking
  
- **132/11.5 KV S/S at Emami Cement Ltd, Baloda Bazar, Chattisgarh**
  - ✓ Testing & Commissioning of 40MVA, Power Transformer
  - ✓ Transformer stability
  - ✓ Overall Scheme Checking & Commissioning of Switchyard Equipments
  
- **33/0.55 KV S/S at Nelcast Ltd, Ponneri, Chennai**
  - ✓ Testing of 3.45MVA, Power Transformer
  
- **400/230/110 KV GIS S/S at TANTRANSCO, Manali, Chennai**
  - ✓ Testing of 400kV Busbar: CRM Test
  - ✓ Testing of Current Transformer
  
- **400/220 KV S/S at APTRANSCO, Uravakonda, Andhra Pradesh**
  - ✓ Testing & Commissioning of Alstom make relays P444
  - ✓ Testing & Commissioning of Siemens make relays 7SA522, 6MD85
  - ✓ Overall Scheme Checking
  
- **66/11 KV S/S at TPDDL, Siraspur, New Delhi**
  - ✓ Testing & Commissioning of Schneider make relays P543
  - ✓ Testing & Commissioning of Siemens make relays 7SJ66, 7SR22
  - ✓ Overall Scheme Checking
  
- **Schneider Ltd, Chennai**
  - ✓ Scheme Checking of 765 KV LCC Panel
  
- **400/220 KV S/S at MSETCL, Babhaleshwar, Maharashtra**
  - ✓ Testing & Commissioning of Siemens make relays 7UT613, 7VK61, 7SJ61, 7SJ62, 6MD663
  - ✓ Overall Scheme Checking
  
- **Tamilnadu Petrochemical Ltd, Manali, Chennai**
  - ✓ Testing of ABB make relays SPAG332
  
- **400 KV S/S at NTPC, Unchahar, Uttar Pradesh**
  - ✓ Testing & Commissioning of Siemens make relays 7SA612
  - ✓ Testing & Commissioning of Schneider make relays P543
  - ✓ Overall Scheme Checking
  
- **220 KV S/S at Hindustan Zinc Ltd, Fatehnagar, Rajasthan.**
  - ✓ Testing & Commissioning of Siemens make relays 7SS60
  - ✓ Testing & Augumentation of Siemens Busbar Interposing & Summation CT method
  - ✓ Overall Scheme Checking

- **20MW Generating Station, Maruti Suzuki India Ltd, Gurgaon, Haryana**
  - ✓ Testing & Commissioning of Alstom make relays SKE11
  - ✓ Testing & Commissioning of Siemens make relays 7UM62
  - ✓ Overall Scheme Checking
  
- **Hi-Tech Carbon, Gummidipoondi, Chennai**
  - ✓ Testing of Alstom make relays CDG
  
- **765/400/220 KV S/S at PGCIL, Fatehpur, Uttar Pradesh**
  - ✓ Testing & Commissioning of Siemens make relays 7SS522, 6MD85
  - ✓ Overall Scheme Checking
  
- **220/33 KV S/S at OPTCL, Malkangiri, Odisha**
  - ✓ Testing & Commissioning of Siemens make relays 7SA522, 7SJ66, 7SR11, 6MD86
  - ✓ Testing & Commissioning of Alstom make relays P444
  - ✓ Overall Scheme Checking
  
- **220/33 KV S/S at OPTCL, Balimela, Odisha**
  - ✓ Testing & Commissioning of Siemens make relays 7SA522
  - ✓ Testing & Commissioning of Alstom make relays P444
  - ✓ Overall Scheme Checking
  
- **765/400/220 KV S/S at PGCIL, Tumkur, Karnataka**
  - ✓ Testing & Commissioning of Siemens make relays 7SA522, 7VK610, 7SS522, 6MD86
  - ✓ Testing & Commissioning of Alstom make relays P444
  - ✓ Overall Scheme Checking
  
- **400/220 KV GIS S/S at PGCIL, Kala Amb, Himachal Pradesh**
  - ✓ Testing & Commissioning of Siemens make relays 7SA522, 7VK610, 7SJ80, 7UT613, 7RW80, 7SS85, 6MD86, 6MD85
  - ✓ Testing & Commissioning of Alstom make relays P444
  - ✓ Checking of GIS Gas Compartment Zone Tripping & Alarms
  - ✓ Coordination for GIS High Voltage Test, CT Pri. Injection, CVT Sec. Injection, BB Stability Test & Transformer Stability Test
  - ✓ Overall Scheme Checking
  
- **400 KV Switchyard at NTPC, Lara, Chattisgarh**
  - ✓ Testing & Commissioning of Siemens make relays 7SS522
  - ✓ Testing & Commissioning of Siemens make Disturbance Recorder relay 7KE610
  - ✓ Configuration of Siemens make PMU relays 6MD85
  - ✓ SCADA Integration for Siemens & ABB make Relays 7UM62, 7UT613, 7SJ80 & REG670
  - ✓ Overall Scheme Checking
  
- **230 KV Switchyard at OPG, Gummidipoondi, Tamilnadu**
  - ✓ Testing & Commissioning of CT and CVT
  - ✓ CT Primary Injection, CVT Secondary Injection
  
- **6.6 KV Switchgear at Hi-Tech Carbon Ltd, Gummidipoondi, Tamilnadu**
  - ✓ Annual Maintenance Testing of Alstom & ABB make relays CDG & REF615

- **66/11 KV S/S at KPTCL, Mysore, Karnataka**
  - ✓ Testing & Commissioning of Siemens Reyrolle make relays 7SR12
  - ✓ Overall Scheme Checking
  
- **100MW (1\*36.15MW STG & 1\*62.25MW GTG) Namrup Replacement Power Project, APGCL, Namrup, Assam**
  - ✓ Testing & Commissioning of Siemens make relays 7UM622, 7UT612, 7UT613, 7RW600
  - ✓ Overall Scheme Checking
  
- **132/33 KV S/S at CSPTCL, Kondatarai, Chattisgarh**
  - ✓ Testing & Commissioning of Siemens make relays 7SA611, 7UT613, 7SJ611, 7RW801, 7SR100, 7SR120
  - ✓ Coordination for BB Stability Test & Transformer Stability Test
  - ✓ Overall Scheme Checking
  
- **220 KV Switchyard at CPP, NALCO, Angul, Odisha**
  - ✓ Testing & Commissioning of Siemens make Busbar relays 7SS5220
  - ✓ Overall Scheme Checking
  
- **3\*210MW RTPS, KPCL, Shakthi Nagar, Raichur, Karnataka**
  - ✓ Testing & Commissioning of Siemens make relays 7UM622
  - ✓ Testing & Commissioning of ABB make relays REG670
  - ✓ Overall Scheme Checking
  
- **220 KV Switchyard at CPP, NALCO, Angul, Odisha**
  - ✓ Testing & Commissioning of Siemens make Busbar relays 7SS5220
  - ✓ Overall Scheme Checking
  
- **3\*210MW RTPS, KPCL, Shakthi Nagar, Raichur, Karnataka**
  - ✓ Testing & Commissioning of Siemens make relays 7UM622
  - ✓ Testing & Commissioning of ABB make relays REG670
  - ✓ Overall Scheme Checking
  
- **765/400 KV S/S at PGCIL, Tamnar, Chattisgarh**
  - ✓ DR Standardisation & Database Standardisation of all IED's & BCU's
  - ✓ Implementation of VT Selection Logic
  - ✓ Configuration of External Trips in Busbar Relay
  
- **110 KV Receiving S/S at Dharavi, Mumbai, Maharashtra**
  - ✓ Testing & Commissioning of Siemens make 7SD52, 7SJ66
  - ✓ Testing & Commissioning of Alstom make P545
  - ✓ Overall Scheme Checking
  
- **400/230 KV S/S at Kalivanthapattu, Chennai, Tamilnadu**
  - ✓ Testing & Commissioning of Siemens make 7SA522, 7SS525, 6MD86
  - ✓ Testing & Commissioning of Alstom make P444
  - ✓ Overall Scheme Checking
  
- **220/11 KV Receiving S/S at Shanthipura, Tarikere, Karnataka**
  - ✓ Testing & Commissioning of Siemens make 7SA522
  - ✓ Overall Scheme Checking

**OVERSEAS EXPERIENCE:**

- **Through: M/S Golden Palm Petroleum Services Co W.L.L**  
**Project: 3.3/0.44 KV S/S, East Raudhatain, Schlumberger**  
**Client: Kuwait Oil Company, North Kuwait**
- ✓ Testing & Commissioning of 3.3/0.44kV MV & LV Switchgears
  - ✓ 3.3/0.44kV ABB Relay Programming & Testing (REF615, REM615, RET615)
  - ✓ 3.3/0.44kV Switch Gear Interlock, High voltage, CT Primary injection
  - ✓ VT Pri. Injection & Transformer & REF Stability
  - ✓ Overall Scheme Checking

**TEST KIT'S HANDLED:**

- ✓ Omicron Three Phase Secondary Injection Kit,
- ✓ Doble Three Phase Secondary Injection Kit,
- ✓ ISA Three Phase Secondary Injection Kit,
- ✓ Sverker 750
- ✓ Current Transformer (Omicron CT Analyser & Omicron CPC 100)
- ✓ Tan Delta (Doble, Omicron CPC100, Megger),
- ✓ Winding Resistance (Scope),
- ✓ Contact Resistance Meter (Scope),
- ✓ Digital Megger (Chauvin Aronoux, Megger & Kyoritsu),
- ✓ Dynamic Contact Resistance Meter (Scope - Hisac Ultima)

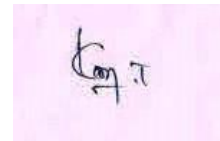
**PERSONAL DETAILS:**

Date of Birth : 24-May-1992  
Marital Status : Single  
Language Known : English, Tamil, Hindi  
Passport No : K4330917  
Passport Expiry date : 25-02-2023  
Nationality : Indian  
Address : 2/219A, Thathanoor Pudur,  
Gurubarahalli, Pappireddipatti,  
Dharmapuri-635302, Tamilnadu,  
India.

I do hereby declare that the above information is true to the best of my knowledge.

Place: Chennai

Date: 16.05.2019



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