

POSITION: RELAY TESTING ENGINEER

Experience Highlights: 3years 5months

OBJECTIVE:

Looking for a position to utilize my skills and abilities in a professional organization that offers professional growth while being resourceful, innovative and flexible.

AREAS OF EXPERTISE

- Testing and commissioning of Control & Relay Panels for **Transformer Protection, Line Distance Protection, Line Differential Protection, Busbar Protection, Feeder Protection Numerical Relay testing.**
- Configuration as per schematic diagram & Testing of Protective Relays for various needs.
- Testing of accessories relays such as Over Load Relays, Thermal Over Load Relays, Check Synchronizing Relay, Definite Time Relay, Under Voltage Relay, Over voltage relay, Timer Relay, TCS relay.
- Inspection of Control and Relay Panel, preparation of Test Report for sub- station, Power plant, and Process plant.
- Schematics - DC Logics Checking (ABB, SIEMENS, BHEL, GE, L&T, etc.)
- Ferrule verification and updating in As Built Drawing.
- Good understanding, analysis and interpretation skills on Protection.

PROFESSIONAL DETAILS:

- **B.E., Electrical and Electronics Engineering** from Vins Christian college of Engineering with **7.23 CGPA(2010-2014).**

PROJECTS:

- **400/220kV NTPC TANDA THERMAL PP:**
 - Testing & commissioning of 4 line bays, 2 Station transformers, 2 ICT, 2 Generating transformers with Bus bar protection.
- **PGCIL_220/132kV PURNEA SUBSTATION:**
 - Testing and Commissioning of line bays in 132kV.
 - NTAMC Integration of 7 bays in 132kV.
- **BSPTCL_220/132kV PURNEA SUBSTAION:**
 - Testing and Commissioning of line bays in 132kV.
- **PGCIL_400/220kV MAITHON SUBSTATION:**
 - NTAMC Integration of 3 bays in 400kV.
- **PGCIL_400/220kV MUZAFFARPUR SUBSTAION:**
 - NTAMC Integration of 3 bays in 400kV.
 - NTAMC Integration of 2 bays in 220kV.
- **PGCIL_220/132kV SILIGURI SUBSTAION:**

- NTAMC Integration of 7 bays in 132kV.
- **PGCIL_400/220kV BARIPADA SUBSTATION:**
- NTAMC Integration of 6 bays in 400kV.

- **PGCIL_220/132kV BIRPARA SUBSTATION:**
- NTAMC Integration of 5 bays in 132kV.
- **PGCIL_400/220kV GAYA SUBSTATION:**
- NTAMC Integration of 2 bays in 220kV.
- **PGCIL_400/220kV KISHANGANJ SUBSTATION:**
- NTAMC Integration of 4 bays in 220kV.
- SCADA signals configuration & Testing.

Factory Testing in Siemens India Pvt.Ltd. Goa.

- Scheme checking & Corrections.
- Testing of Control & Relay Panels (Transformer,Line,TBC,BC,TIE) 6.6kV to 765kV Substation.
- Bay Interlocks checking, SCADA Signals testing.
- Megger Test, HV test upto 2kV.

Software Handled

ABB -PCM600(UptoLatestversion2.8)
SCHNEIDER -MicomS1 Studio
ALSTOM -Micom S1 Agile
SIEMENS -DIGSI 4, DIGSI 5,Reyrolle.

Experience with ABB

REL670–Line Distance Protection
RED670–Line Differential Protection

Experience with Alstom

P444 –Line Distance Protection
P543–Line Differential Protection

Experience with SIEMENS

- 7SJ80X : Over Current Protection.
- 7VK6 : LBB relay.
- 7UT6X : Transformer Protection
- 7SA52 : Line Protection
- 7SJ6X : Multifunction Protection.
- 7SS52 : Bus bar protection.
- 6MD86, 6MD85 : Bay control unit.

SENTHILKUMAR.R

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- 7SD52 : Cable differential Protection.
- 7UM85 : Generator protection.
- 7SRXX : Over current & Differential Protection.

Test Kit Handled

OMICRON (CMC-256,CMC-356)

DOBLE F6150

PRESENT& PREVIOUS EMPLOYER

Period	Designation	Company Name
NOV 2014- to NOV-2015	Graduate Engineering Apprentices.	Avalon Technology Pvt Ltd.,Chennai.
JUNE 2016 TO Dec-2018	Relay Testing Engineer	Sun & Jay Engineering Pvt Ltd.,Chennai.

CERTIFICATION:

- Diploma in **Electrical CADD**.
 - AutoCAD Electrical, AutoCAD 2D.

PERSONAL INFORMATION:

NAME :Senthilkumar.
DATE OF BIRTH :10.05.1993.
GENDER :Male.
LANGUAGES KNOWN :Tamil and English.
ADDRESS :C12/7, TNHB Colony,
Maharajanagar.
Tirunelveli.-627 011.

DECLARATION:

SENTHILKUMAR.R

Email:senthilnathankumar@gmail.com
Mob: 7904676582.

I hereby declare that all the particulars furnished above are true and correct to the best of my knowledge and belief.

Place:

Yours Faithfully,

Date:

(SENTHILKUMAR)