

ALEXANDER AMALRAJ

①: +97334229896, +919500422967

✉: aalexander672@gmail.com

CPR: 920553249

Passport: L8707705

Professional License: CRPEP CAT-C(Bahrain)

Driving License : India, Bahrain

SUMMARY

A competent professional with 6 years of Domestic and International experience in:

Testing and Commissioning, Protection Relay, Maintenance Operation, Troubleshooting

- Planning the site activities and implementing the project within the scheduled period of time.
- Modification of drawings/ schemes as per the site requirement and preparing the as built drawings.
- Retrofitting of Line and Transformer protection panel.
- Reactive and Preventive Maintenance.
- PAT Testing
- Leading the team with proper safety procedures.
- Handling of test equipment's such as Omicron CMC 356/353/256, Freja 300, CPC 300, Megger Insulation resistance Kit, Power Quality Analyzer, SVERKER.
- Handling of relays software such as Micom S1 agile, Micom s1 studio, GE enervista, PCM 600, MRsuite, Digsii.
- Testing of numerical relays such as Feeder management, Distance, Differential, Auto reclosure, Synchronizing check of various make (ALSTOM, GE, ABB, TAPCON-AVR, Siemens)
- Testing of 11KV Transformers
- Scheme checking of control and protection panels of various voltages levels 33/66/110/220/400/765KV substations.

SKILLS

Team liaison

Self-motivated

Strong Communication

Team leadership

EMPLOYMENT DETAILS

Since FEB 2019: Energy Grid Solution S.P.C - Synergy Group as Senior Testing & Commissioning Engineer, Bahrain

- Retrofitting of Line and Transformer protection panel's 66/11kV EWA station.
- Testing of Protection relays and 11kV Transformer at BANAGAS plant.
- Testing of protection relays at ALBA plant
- Reactive and Preventive Maintenance of 11kV switchgear panels at Bahrain City Centre.
- Reactive Maintenance of 11KV switchgear panels at Riffa Views International school.
- Reactive Maintenance of 11KV switchgear panels at Ramee Grand Hotel & SPA.
- Power Quality testing at Midal Cables
- Power Quality testing at Gulf Hotel.

OCT 2016 – OCT 2018: Mana Saleh Al-Khamsan as Testing & Commissioning Engineer, Saudi Arabia

- 13.8kV switchgear panel inspection and Testing Witnessed at SAUDI ARAMCO, Dahrhan
- SAT and FAT testing at TIEPCO.

- Commissioning support for 415V switchgear panel at MA'ADEN Phosphate plant.
- Protection panel scheme checking at 380kv BSP station.

SEP 2013 – SEP 2016: Grenel Powers Private Limited as Testing & Commissioning Engineer, India

- Retrofitting of Line Protection panel at KPCL, Karnataka.
- Testing and Commissioning of Line and Transformer panel at KPTCL, Karnataka.
- Testing and Commissioning of Line and Transformer panel at WBSETCL, West Bengal.
- Retrofitting of Line Protection panel at Pondicherry Electricity Board.
- Retrofitting of Motor protection relay at Ultra Tech Cement factory.
- NTAMC- Automation project Power Grip Corporation of India Limited, Mysore.
- NTAMC- Automation project Power Grip Corporation of India Limited, Gooty.
- NTAMC- Automation project Power Grip Corporation of India Limited, Meerut.
- NTAMC- Automation project Power Grip Corporation of India Limited, Ahmedabad.
- Troubleshooting the circuit of control and protection equipments.
- Configuring the numerical protection relays as per the approved drawing.
- Testing of numerical protection relays such as Feeder management relays, Distance, Differential, Autoreclosure, Synchronising check relays.

KNOWLEDGE IN RELAYS

ALSTOM Relays:	Transformer Protection Relay (P642,P643), Line Distance Protection Relay (P442, P444), Line Differential Protection Relay (P543, P546), Feeder Management Relay (P14N, P14D, P141, P142, P143), O/C&E/FRelay (P120, P122,P127, P111).
Schneider Relay:	Distance Protection relay (P444), Feeder Management relay(VAMP), SEPAM T60, T80
Siemens Relays:	Line Differential Protection (7SD803).
ABB Relays:	Line Distance Protection (REL 670), Line Differential Protection (RED 670), Transformer Differential Protection (RET 670), Feeder Protection (REF542+, REF615)
GERelays:	Line Distance Protection Relay (D60, D30), Line Differential Protection Relay (L90), Generator protection relay (SR489).

ACADEMIC DETAILS

- Bachelor of Technology (Electrical & Electronics Engineering) - SASTRA University, Tanjore completed at 2013 with 66.6%.
- Higher Secondary education – Sri Ramakrishna Matric Hr Sec School, Perambalur completed at 2009 with 81.08%.
- High school- Infant Jesus Matric Hr Sec School, Annavasal completed at 2007 with 62.02%.