

ALI MOHAMMED
mail2mr.ali@gmail.com
+966532730545

SKILL SET

Experience in testing and commissioning of switchgear panels and all associated electrical equipments in substations, transformers and their protection schemes, motors, cables, protection relays, control & relay panels of Transformers, Generators and various kinds of electrical equipment.

CAREER PROFILE

Total Experience : 11 years 2 months

➤ **Experience in Abroad**

- Organization : Arabian Bemco Contracting Co Ltd
- Designation : Electrical Engineer (Testing and Commissioning)
- Experience : 7 years 7 months (Sep 2014 to till now)

➤ **Experience in India**

- Organization : Voltech Engineers pvt ltd.
- Designation : Testing and Commissioning Engineer.
- Experience : 4 years (May 2010 to May 2014)

NATURE OF WORK

- Testing and Commissioning of all electrical equipment from **400V to 110 kV** System.
- Testing and Commissioning of **250KVA to 10 MVA** power transformers.
- Having **National Grid (SEC) Approval** in **LV & MV Switchgears, Scheme Checking, Auxiliary & Simple Relays.**
- Testing of **Protection and Auxiliary Relays** of different types and makes like ABB, SIEMENS, AREVA, GE & EATON.
- **Scheme Checking** and **interlock testing** of protection and control panels.
- Protective relay testing by using **OMICRON-CMC 256, FREJA 300, SVERKER 750.**
- **Modifications** in MV and LV Switchgears as per Customers requirement.
- **High potential tests** on cables, bus bars, bus ducts and Motors.
- Performing **testing and commissioning independently**, Reporting person - Project Manager.
- **Trouble shooting** the interlocks and wirings of control and protection circuits.
- **Operation & Maintenance** of 13.8kv MV Switchgear, 13.8kv/400v Transformer and LV panels.
- Testing of **DC Chargers & Batteries** with DC Load Bank as per Test Procedure.
- Knowledge in testing of **transformer stability, REF protection scheme, bus bar differential.**
- Commissioning of **VFD's** and VFD controlled Fans and Pumps.
- Preparation of **Test Reports**, Cable schedules and detailed commissioning reports for the Client
- Co-ordination with client in As Built **Scheme drawing** submission and **commissioning activities.**

TEST EQUIPMENTS HANDLED.

- CMC 256 Plus (Omicron Make Relay testing Kit)
- FREJA 300 (Megger Make Relay testing Kit)
- CT ANALYZER, CPC 100 (Omicron Make CT and VT Testing Kit)
- MOM 690 (Megger Make Micro-Ohm Meter)
- SVERKER 650 (Relay test Set)
- ODEN AT (Primary Current Injection Set)
- EGIL (Megger Make Circuit Breaker Analyzer)
- TTR(Megger Make Transformer Turns Ratio Kit)

RELAY SOFTWARES KNOWN

- PCM 600 (ABB IED Manager)
- DIGSI 4 Ver 4.88 (SIEMENS IED tool)

EXPERIENCE WITH ABB RELAYS.

- REF 615 – O/C, E/F, UV & OV, CBF Protection Relay
- REX 521 – O/C & E/F Protection
- REU – Over Voltage and Under Voltage Relay.
- REF 610 – O/C & E/F Protection
- SPAJ 140C – O/C & E/F Relay
- SPAJ1 60C – Over Voltage & Under Voltage Relay
- SPAM 140C – Motor Protection Relay
- REM 543 – Motor Protection Relay

EXPERIENCE WITH SIEMENS RELAYS.

- 7SJ641 – Directional Over current & Earth fault protection.
- 7SJ612 – Overcurrent & Earthfault Protection.
- 7SJ622 – Directional Over current & Earth fault protection.
- 7SJ8021, 7SK8031 – Motor Protection Relay.

EXPERIENCE WITH AREVA RELAYS.

- MICOM P121 – Over current & Earth Fault Protection Relay.
- MICOM P127 – Feeder Management Relay
- MICOM P220 – Motor Protection Relay
- MOTPRO – Motor Protection Relay
- MCHNM — Motor Protection Relay
- CTMM – Motor Protection Relay
- P141, P143 – Feeder Management Relay.
- P241, P243 – Motor Protection Relay.

PASSPORT DETAILS

- Passport Number : J9809458.
- Nationality : Indian.
- Place of Issue : Hyderabad
- Date of Issue : 01/11/2011
- Date of Expiry : 31/10/2021.

PROJECTS UNDERTAKEN

- Project Location: **First Ring Road Project - Makkah** (6 months)
- Services Offered: Testing & Commissioning of 13.8kv MV Switchgears, 13.8kv/400v Transformers, Circuit Breakers, Protection Relays, 400v LV Panels. Hi- pot testing of Cables and Busbars. Scheme Checking and Interlock testing of all the Feeders

- Project Location : **New King Abdul Aziz International Airport - Jeddah** (5 Years)
- Services Offered : Testing & Commissioning of 13.8kv/400V Substations, Transformers, Circuit Breakers, Protection Relays, 400v LV Panels. Hi- pot testing of Cables and Busbars. Scheme Checking and Interlock testing of all the Feeders

- Project Location : **Saudi Aramco - Jizan Refinery (JIGCC)** (6 months)
- Services Offered : Testing of 480v LV Switchgears, 480/400v transformers, lighting panels.

- Project Location : **Masjid Al Haram, Makkah** (1 year)
- Services Offered : Operation & Maintenance of 13.8kv/480v Substations, 13.8kv/400v Transformers and RMU's.

- Project Location : **PP10, Saudi Electricity Company (SEC), Riyadh** (6 months)
- Services Offered : Testing & Commissioning of CT, PT, Breakers, Meters and Relays in 400v LV Switchgear panels. Scheme Checking of all the feeders.

EXPERIENCE IN INDIA

- ORGANIZATION: Ind Bharat Thermal Power Plant.
- PROJECT : Testing & Commissioning of 220kV switchyard & 6.6kV Switchgear panels. Scheme checking of Circuit Breaker, Isolator and Earth Switch Interlocks. Scheme checking of Protection and Control panels.

- ORGANIZATION: Bharat Aluminum Corporation Ltd.
- PROJECT: Testing & commissioning of 11kv/0.415 kV Switchgear substation. Testing of 11kv/415v Transformers. CT, PT and all equipment testing. SIEMENS 7SJ80 Over Current & Earth fault Relay testing.

- ORGANIZATION: Indian Iron Ore and Steel Ltd.
- PROJECT: Testing & commissioning of 6.6kV/0.415kV Switchgear substation through M/s ABB Ltd. Scheme checking of all the feeders. 6.6kv/415v transformer testing.

- ORGANIZATION: Chennai Petroleum Corporation Ltd.
- PROJECT: Testing & Commissioning of 6.6 kV / 0.415kV Substation through M/S Voltech Instrumentation and Engineers Pvt Ltd. Scheme checking of 415v LV Panels

- ORGANIZATION: Chattisgarh State Electricity Board.
- PROJECT: Testing and Commissioning of 6.6kv/0.415kv Switchgear Substation through Tecpro Systems Ltd.

EDUCATIONAL QUALIFICATION

- Bachelor's Degree in Electrical and Electronics Engineering with 70.01% in V R Siddhartha Engineering College from Acharya Nagarjuna University in duration 2006-2010 April.
- HSC : 91.00% completed in 2006.
- SSC : 82.16% completed in 2004.

PERSONAL DETAILS

- Name : Mohammed Ali.
- Current CTC : 8250 SAR.
- Expected CTC : Negotiable
- Date of Birth : October 14th 1988.
- Marital Status : Married
- Languages Known : English, Hindi, Urdu, Telugu and Tamil.
- Address : D no:12-21/2, Buday street, Krishna nagar, Vijayawada- 7, Andhra Pradesh, India.
- Email-id : mail2mr.ali@gmail.com.