**A person smiling for the camera

Description generated with very high confidenceMUHAMMED SHAFI RAHMAN M**

**Testing and Commissioning Engineer**

Kerala, India |[mshafirahman@gmail.com](mailto:mshafirahman@gmail.com) |+91 9744215037

|  |  |  |
| --- | --- | --- |
| **CARRIER OBJECTIVE**  Seeking to work such an organization that would provide ample opportunities for my skill set to grow and a position to utilize all my abilities. I believe, with my dedication to the task coupled with my communication skills, I can make significant contributions to the development of the company.  **QUALIFICATION PROFILE**  Performance-driven, insightful **Testing and Commissioning Engineer** with a proven ability to achieve and exceed all Technology development and power-generational goals in high-pressure environments.  ➢Skilled at managing testing & commissioning of all Electrical equipment from 415 volts to 220 KV System, CT, PT, CVT, Circuit breaker, Isolator, switch gear and Relay Panel for Transformers, Bus Coupler, Line Feeder, Transformer Protection, Transformer Differential & REF Protection, Bus Bar Protection and Synchronizing Scheme, All Protection Relays.  ➢ Comprehensive knowledge of and experience in Testing & Commissioning of Power transformers, Motor drives, Current transformers, Potential transformers, Electromechanical relays, numerical relays , Circuit breakers, Isolators, Lightning arresters etc. in a variety of complex scenarios.  ➢ Proven leadership and team-building skills, coupled with the ability to direct strong teams in managing client relationships and providing excellent electrical services.  ➢ Ability to handle and trouble shooting of different schematic diagrams such as Siemens,SEL, ABB, Areva , Easun reyrolle etc.  **PROFESSIONAL EXPIRIENCE**   1. **Kerala State electricity board ,Kerala, India** ( July 2015 to Jan 2018)   Destination : Testing and commissioning engineer ( Trainee & on contract)   1. **Al siyabi Shining Projects, Oman**   Destination : Testing and commissioning engineer (Feb 2018 to March 2019) |  | **Total Expirience**  4 YEAR  **Contact Information**  **MOB**  +91 9744215037  **MAIL**  [mshafirahman@gmail.com](mailto:mshafirahman@gmail.com)  [shafirahmanm@gmail.com](mailto:shafirahman@gmail.com)  **SKYPE ID**  Mshafirahman  **Passport Details**  Date of issue :20/08/2015  Date of expiry:19/08/2025  **Linguistic Abilities:**  Fluent in English, Malayalam, Tamil,  Basic in Arabic & Hindi  Excellent writing skills in English,Malayalam &Arabic  **Permanent Address**  Padinjarethodi house  Peringod, kavanoor (PO)  Malappuram (Dst)  Pin 673639  Kerala  INDIA |

**ROLES AND RESPONSIBILITIES:**

* Testing and commissioning of all Protective equipment from 415 volts to 220 KV System and conduct routine tests of all relays.
* Routine, Pre-commissioning, Commissioning tests & Trouble shooting of substations including 220kV, 110kV, 66kV, 33kV,11kV.
* Execute all type power transformer testing (IR, Tan Delta, winding resistance, Turn ratio, magnetisation, polarity, short circuit and vector group)
* Testing and Commissioning of Power Equipment like Current Transformer, Potential Transformer , circuit breaker, Lightning arrestor etc
* Inspection of control and relay panel, preparation of Test Report and cable schedule for sub-station, Power plant and process plant.
* Co-ordination with client in As Built Scheme drawing submission
* Scheme checking, Relay Setting calculations, Reviewing of GIS and Outdoor Substations Configuration of various numerical relays such as SIEMENS, ABB, GE, & ALSTOM
* Inspection of control and relay panel, preparation of cable schedule for sub-station, Power plant and process plant.
* checking all types of control wiring scheme of transformers, feeders, Circuit breaker and etc in various substations of kerala state electricity board
* Planning and supervising electrical installation, control & Relay panel wiring and cabling
* Cross check of control panel wiring and troubleshooting of all electrical circuits pritecton circuts and control wiring & other complaints
* Work closely with project manager planning projects and preparing documents
* Participate in project meetings with clients and sub contractor
* Attending technical discussion with client & consultant and modification according to the customer & system requirement

|  |
| --- |
| **PROJECTS** |

* Testing and commissioning of 2x20MVA Primary substations in different locations in Oman
* Pre-Commissioning and Routine Testing of 40 Substations up to 220kV under KSEB including switch gear and Relay Panel for Transformers, Bus Coupler, Line Feeder, Transformer Protection, Transformer Differential & REF Protection, Bus Bar Protection and Synchronizing Scheme, All Protection Relays, CT, PT, CVT, Circuit breaker and Isolator,
* Testing and Commissioning of 5 Newly installed Distance relays( SEL 311c, Zivercom 8 ZLV) for 220kV Substation Areacode, Malappuram
* Testing and commissioning of 33 kv substation Mankada , kerala (10x11kv feeder, 2x20 MVA Transformer and 2x33kv feeder)
* Testing and commissioning of Distance relays ( SEL 311c, ABB REL 670) in 220kV substations Areacode
* Control Wiring Cable schedule and Pre commissioning testing of 220kV solar park, Kasaragod (2x100MVA Transformers, 2x200kV Feeders, 10x33kV Feeders)
* Control wiring of 110kV Thirur Substation (3x20MVA Transformers, 4x110kV Feeders, 15x11kV Feeders)

**RELAYS HANDLED**

* SEL (311C,351,787)
* ABB (REL650, REL 670,RET670,REF 610)
* Cropton Greaves/ Ziver com (8ZLV,14C)
* Micom Alstom/Areva/Schneider (P442, P141, P643, MCAS 14/34)
* Siemens (7SA52, 7SR100)
* Eusen Rayrolle (TJM10/TJM11/2TJM12, MIT 113/114, 5B3)

**TESTING KIT HANDLED**

* OMICRON CMC 356
* SEVERKER 760 / PROGRAMMA
* Tan Delta test (megger 4000)
* 1A (Secondary injection)
* Microohm meter(Megger 600A)
* Scope 30i leakage current tester
* IR Test Kit (Megger, Rishabh)
* Transformer Oil Filtration/ Vacuum plant (N.I.P 6000LPH)
* BDV Test Kit (100kV)
* Ferrule Printing Machine (MAX LM380)

**EDUCATION CREDENTIALS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Institution** | **Board of**  **Examination** | **Percentage/**  **CGPA** | **Year of passing** |
| Bachelor of Engineering (Electrical and Electronics Engineering) | A.S.L Pauls college of Engineering and Technology, Coimbatore | Anna University, Chennai | 7.31 | 2015 |
| Higher Secondary School | GHSS, Kavanur | Kerala HSE | 76% | 2011 |
| High School | CHMHSS, Pookolathur | Kerala State | 95.67% | 2009 |

**PERSONAL PROFILE**

Father name : Muhammed MP

Date of birth : 12/10/1992

Marital status : Single

Sex :Male

Nationality : India

**DECLARATION**

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief

Date : 11/6/2019

MUHAMMED SHAFI RAHMAN