SIVALINGAM MURUGAIAH

31, Sibley Grove,
Eastham,
E12 6SD,
London, UK.

Email:lingam.siva.siva@gmail.com
Mobile Number: +44 7879936624

Years of experience : 7+ years

Experience in United Kingdom (Aug 2021 to till)

Field of Experience	: Substation _Commissioning & Protection Testing of Power System
Visa Category	: Skilled Worker -Tier-2 (General)
CSCS certificate	: Yes, 607308
Company Name	: HVSS LTD, WATFORD_ LONDON at ENGLAND
Field of Service	: Commissioning of LV/MV/ HV Switchgears and Relay panel
Reporting to	: Technical Manager / +44-7880351618

Experience in Saudi Arabia (July 2017- April 2021)

Field of Experience	: Oil and Gas _Testing & Commissioning (OFFSHORE/ONSHORE)
Company Name	: WESCOSA_ Dammam at KSA
Industry	: MV / LV Switchgear and HV control and Relay panel
Field of Service	: Protection Relays & Testing LV/MV/ HV Switchgears
Expert to work	: Protection Relays / Commissioning / Start up Activities
Field of Experience	: Oil & Gas / Power Generation and Transmission / Distribution
Offshore Course Name	: Sea Survival, HUET with EBS, Fire Fighting and safety, Emergency First aid, Self-Rescue
Certificate name	: 622857003007190007
Valid till	: 29/07/2023

Experience in India (

Customer	: Govt. Sectors and Private sectors
Company Name	: Voltech Engineers Pvt Ltd
Field of Service	: Commissioning of EHV / HV Relay panel & AIS / GIS

Career Objective:

To perform as a successful engineer and intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential.

Job Nature & Skill:

- Configuration, testing and commissioning of LV/MV Switchgears.
- Testing of CTs, PTs, Bus-bar, Breakers (ACB & VCB), Medium voltage and Low voltage MCCs.
- Well versed in testing of Feeder, UG line, Distance, Motor and Generator protection of various manufacturers.
- Experienced in conducting Differential stability of Power Transformers, Underground cables and Bus-bars.
- Maintenance of MV/LV Motor control centers
- Hands on testing & commissioning (LV / MV / HV Switchgears)
- Supervising onsite service and commissioning projects
- Working on Datacentres in London
- Commissioning, Maintaining and Servicing Electrical systems
- Fault finding and PPM
- Electrical Commissioning related paperwork
- Commissioning and final handover take responsibility for activities allocated to you to ensure this is done effectively.
- To carry out PPM and reactive tasks to provide maximum efficiency, availability and reliability.
- Perform testing and inspecting of electrical systems in accordance with industry and site standards.
- Undertake defect surveys on electrical plant and systems and providing reports as requested by engineering management
- Carry out minor new works installations & testing.
- Provide assistance to third parties as and when required.
- Act upon reasonable requests from and instructions from Contract Supervisor.
- Assistance on other sites can be expected.
- Able to work as part of an experienced team of engineers
- Experience of software-based Protection systems, and an ability write and update system software
- Understanding of electrical circuits within control panels
- An ability to problem solves, think outside of the box and provide thorough solutions

Background

- Electrical commissioning experience/ Service Engineer experience
- Experience working in data centers or critical environments
- Experience with (Generators, Batteries & Chargers, HV/LV, Switchgears)
- Electrically qualified in Engineering Degree in India
- Experienced in electrical fault finding and/or maintenance
- Experienced in Oil and gas offshore HV/MV Switchgear commissioning & Overall electrical function
- Electrical commissioning experience in Data Centre at London England.

Professional Experience:

HIGH VOLTAGE SUBSTAION SERVICES LTD_ WATFORD, ENGLAND.

Duration : From 21st Aug 2021 to till
Designation : Substation Electrical Commissioning Engineer

Projects Handled

- Maintenance testing of 11/0.48kV Outdoor transformer, LV ACB in ***Cumbernauld_Scottland*** *for Smurfit Kappa*.
- **DATA CENTRE LD 7.2** - Substation Commissioning of 11kv Generator Switchgear, 11kV Main Switchgear including P743 Busbar Protection relay, P343 Generator protection relay, P145 feeder protection relay, P543 Cable differential relay with all blocking schemes and stability ensured check by primary injection at ***Slough_ England for Mercury UK.***

WESCOSA_DAMMAM, KSA.

Duration : From 3rd July 2017 to till
Designation : Service Engineer – Protection & Commissioning

Major Responsibilities in Projects:

- Function test of AIS and GIS Switchgear
- Attend the Client (End user) meeting with customer.
- Testing of Protection relays, CTs, PTs, Bus-bar, Breakers, and MCCs.
- Testing and Commissioning of Control and Relay panels with various Schemes and logics.
- All Commissioning report preparation to handover Substation

Familiar With Following Kit:

- Omicron CMC 256,256+,356
- Doble F6150
- FREJA 300, 306
- SMRT 46

Relay Tool Handled:

- Micom s1 studio
- Micom s1 Agile
- Digsi
- PCM 600
- AcSELrator Quickset
- Enervista UR setup

Projects Handled – ONSHORE (OIL AND GAS)

- Commissioning of Extension 115kv switchyard. *Power transformer and line differential test using Generator by Primary injection, Function test for CR panel* in Hawiyah GOSP-3 for Saudi Aramco thro NESMA

- Configuration, Testing & Commissioning of 34.5kV Switchgear – SEL451, SEL751A, SEL 2505 and *Function test for SWGR with Auto transfer scheme* for Jubail Commercial Port thro MR Al Khathlan at Jubail port, Jubail.

- Configuration and Testing of 230KV GIS – *line differential End to End in SEL311L and Bus-bar stability in SEL 487B by primary injection* in Abu-ali for Saudi Aramco thro Al-thuki.

- Configuration, Testing & Commissioning of 13.8Kv Switchgear with Generator – *Function test of SWGR with Auto transfer scheme* for SAUDI ARAMCO through NESMA at Jubail bulk plant, Jubail.

- Configuration, Testing & Commissioning of 13.8Kv, 4.16kV Switchgear and MV MCCs –for SAUDI ARAMCO thro PETROFAC at Jizan Refinery and Terminal Project, Jizan.
- Routine and Maintenance Testing of 13.8Kv Switchgear, 4.16KV and MV MCCs – GE MULTILIN RELAYS 469, 450, 745 for SABIC at YANPET, Yanbu.

Projects Handled – **OFFSHORE (OIL AND GAS)**

- Configuration, Testing & Commissioning of 13.8Kv Switchgear with Generator Incomer – SEL451, SEL751 SEL311L and *Line differential test using generator as primary injection* for SAUDI ARAMCO thro SAIPEM at MARJAN-TP09.

- Configuration, Testing & Commissioning of 13.8Kv Switchgear with Generator – SEL351S,SEL451, SEL751A, L&T MCOMP, GE489 for SAUDI ARAMCO thro SAIPEM at KARAN TP01 AND KARAN 52/60.

- Configuration and testing of 13.8Kv Switchgear's Insulgard (Sub-Marine Cable Leakage Monitor Relay) – for SAUDI ARAMCO thro McDermott Saudi at Gosp-2.

- Configuration and testing of 13.8Kv Switchgear's Insulgard (Sub-Marine Cable Leakage Monitor Relay) – for SAUDI ARAMCO thro McDermott Saudi at Safaniya.
- Configuration, Testing & Commissioning of *13*.8Kv and 34.5kV Switchgear with Generator SEL 700G, SEL 311L, SEL 487E, SEL451, SEL751A and *Line differential and Transformer's stability test using generator as primary injection* for SAUDI ARAMCO through L&T in HASBAH Gas field.
- Configuration, Testing & Commissioning of 13.8Kv Switchgear – SEL 311L, SEL451, SEL751A and *Line differential test using generator as primary injection* for SAUDI ARAMCO thro Mc Dermott in Berri Gas field

VOLTECH ENGINEERS PVT LTD_CHENNAI, INDIA.

Duration : From 3rd Feb 2014 to 27th April 2017
Designation : Protection Engineer

Projects Handled

- Configuration, Testing & Commissioning of Cable differential, Busbar and Transformer protective relays ABB make (RED670, RET650 and REB670) in India Power Corporation Ltd., Haldia, West Bengal through ABB.

- Configuration, Testing & Commissioning of Transformer, Motor and Feeder protective relays ABB make (RET615 REM601 and REJ601) in Hindustan Zinc Ltd, at SK Mines-Railmagra Rajasthan through L&T ECC

- Configuration, Testing & Commissioning of Distance, Busbar and Transformer protective relays ABB and Alstom make (REL670, P743,P643 and P442) in 400/220/33KV Substation at New Chanditala, West Bengal through WBSETCL.

- Testing of Generator and Generating Transformer Protection relays make of AC GUODIAN NANJING Automation Co Ltd at 4x600MW TPP, Vedanta at Jharshuguda, Odissa.

- Configuration, Testing & Commissioning of protective relays ABB and Alstom make (REL670and P442) Line Protection Relays in 220/132KV Substation at Hajipur, Bihar through UBEL.

- Configuration, Testing & Commissioning of protective relays Alstom make (P441) Line protection Relay in2x92 MW ADHPL (HYDRO POWER PLANT) at Himachala Pradesh.
- Configuration, Testing & Commissioning of protective relays ABB and ALSTOM make (REJ601, REF610, REF615,RET615 and P127, P122) in Indian Air Force, Hindan, Ghaziabad, Utter Pradesh through L&T.
- Configuration, Testing & Commissioning of protective relays SIEMENS make (7UM622) in 2x600 MW Thermal Power plant for Reliance Power at Adra, West Bengal through Reliance Infra Ltd.
- Configuration, Testing & Commissioning of Generator and Backup protective relays ALSTOM make (P343, P111) in Jakraya Sugars Ltd at Solapur, Maharashtra through Siemens.
- Configuration, Testing & Commissioning of protective relays ALSTOM and L&T make (P241,P141NB, & FCOMP, MCOMP) 4x400 MW Thermal Power Plant for Sg.TPPS, WBPDCL at West Bengal through MBEL.
- Testing of protective relays ALSTOM and WISCOM make (P343, P633, P632, P922, P121, P141,P220 and WDZ-440-TMR, WDZ-410 LMR, WDZ-435-MMR) in 4x135 CPP Thermal Power Plant in MALCO, Korba, Chhattisgarh.
- Testing of protective relays SIEMENS make (7SJ61, 7SJ62, 7UT612, 7UT613, 7SD610)in Jindal Steel and Power at Raigarh, Chhattisgarh.

Academic qualification:

B.E, in Electrical and Electronics Engineering

Institution : St. Peter's College of Engineering & Technology, Chennai.
Marks : 74.85%
Year : 2013

Diploma in Electrical and Electronics Engineering

Institution : V.S.V.N. Polytechnic College, Virudhunagar.
Marks : 90.86%
Year : 2010

Secondary School

School : N.C.Hr. Sec.School, Ramanathapuram.
Marks : 87.4%
Year : 2007

Personal Profile:

Father's Name : G.Murugaiah.
Date of Birth : 04.06.1992
Nationality : Indian
Languages Known : English, Tamil
Passport number : L8265154
Passport expired : 25-Mar-2024

Thanks and Regards

(M.SIVALINGAM)