*GANESHKUMAR THIRUMALAI*

ELECTRICAL & INSTRUMENTATION ENGINEER

(ADNOC LNG OFFSHORE & DUBAI DRYDOCKS WORLD MARINE)

MOBILE UAE+971544453194 / E-MAIL:ganeshkumart19@gmail.com

“COVID -19 fully vaccinated” **VISA: ABUDHABI RESIDENT VISA**

Professional Objectives-

Seeking a challenging position as Electrical & Instrumentation Engineer with organization that will share skill knowledge & experiences.

Educational/Professional Qualification/Additional certification-

* DEGREE-PURSING BACHELOR OF ENGINEERING IN ELECTRICAL (4 YEARS) MADURAI INDIA-2021
* DIPLOMA-ELECTRICAL & ELECTRONICS ENGINEERING (3 YEARS) MADURAI INDIA-2009
* BOARD-HIGHER SECONDARY SCHOOL MADURAI INDIA 2006
* GOVT OF INDIA #183471(CERTIFICAT E OF PROFICIENCY)
* ADNOC ID # 883445 (ADNOC OFFSHORE LNG DAS ISLAND)
* MARINE ID # 17834 ( HKZ BETA PROJECT PETROFAC SAFETY AWARD 2021) (HKZ BETA PROJECT OUTSTANDING CONTRIBUITION AWARD 2021)

Professional Experience-

* A dynamic and competent professional with 12+years of experience and strong background in the field of construction which involves Engineering inspection ,QC supervising inspection, Quality control of Electrical & Instrumentation, Non-destructive examination of various construction such as LNG power substation with both subcontractor & EPC organization.

Key Qualification-

* Familiarization and understanding of industry code practices:-ITP, QCP, MS, IEEE, ISO, 9001-2009, IEC, API Specification and through knowledge of ADNOC procedures for electrical & Instrumentation & CP system (Including Standard Drawings).

Professional work Experiences-

* CLINET-: ADNOC LNG DAS ISLAND

 COMPANY: CEGELEC

 DESIGNATION: E&I LEAD SUPERVISOR

 PROJECT: AVR PANEL LG -01 NEW PANEL COMMISSSIONG

 DURATION: 01st FEB 2022 TO 05th MAY 2022

* Prepared site inspection report after comparing the drawings on the site verification any changes can upgrade on it.
* Isolating of power supply from the substation and control supply remove from switchgear panel & lock supply by using isolation card approval
* Removing all glanding according to the cable size marked on the barrication area to reconnect the after panel commissioned.
* Basler New AVR Panel commissioned as per drawing specification reconnect all cables according to the markup area.
* Contactors are being connected by loop diagram and following test to conduct for the continuity, megger test, Voltage regulation test.
* Startup excitation with no load gradually increase the speed as per MVA enters the 11KV Switchgear & tunes the voltage according to the contactors.
* CLINET-: DUBAI DRYDOCKS WORLD

 COMPANY: CEGELEC

 DESIGNATION: E&I SUPERVISOR

 PROJECT: HKZ ALPHA & BETA MARINE PROJECT DUBAI (UAE)

 DURATION: 22nd JUN 2021 TO 05th DEC 2021

* Proficient in review of client specification drawing from Petrofac & Tennent assure the actual situation of site, verifying that contractor is using the last revision of drawings & follow the project specification & International standards.
* Assign the team for the entire platform for cable tray fixing towards the three decks are connected as per drawings schedule from mechanical & electrical finalize the route schedule as per work friendly started the cable pulling
* Assure the cable drum inspection from store & Material arranged for HV & LV MCT wise cable pulling towards main deck, utility deck, control deck, cable glanding as per cable type & Instrument fixing like PT, GS etc.
* Performed the installation of instrument, cables are raised for inspection (RFI)

To the internal inspection, inspection test report (ITR) documents submission to the client inspection for commission schedule.

* Drydock PTW training completed to manage the man power as per shift scope to take the permit required area to do the job.
* CLINET- :TANGEDCO

 COMPANY: CAOS

 DESIGNATION: E & I DRAFTING ENGINEER

 PROJECT: ARC GIS TO QGIS PROJECT (INDIA)

 DURATION: 15th SEP 2020 TO 31st JAN 2021

* Responsible to monitor the SCADA Subsystem using the GIS Module drawings for all transmission, substation & High tension, low tension line poles structure drawings are marked for up gradation.
* Assure field survey of the Gps point marking on the map & drawing also figured to the entire subsystem which are High priority to do the job.
* Replacing of the damaged poles & Transformers which are very low voltage in the consumer sufficient area. So that improves the load as per generation plant production.
* CLIENT-:ADNOC (LNG OFFHSORE)

 COMPANY: TARGET ENGINEERING & PROCUREMENT CONSTRUCTION

 DESIGNATION: E & I ENGINEER

 PROJECT: DAS ISLAND, IGDE-II PLANT (UAE)

 DURATION: 05th NOV 2019 TO 31st JUL 2020

* Representing ADNOC offshore for various Electrical commissioning activities according to internal standards & ADNOC Projects specification such as pre-inspection meeting, material inspection, pressure test inspection, Factory acceptant test- fat inspection, creating & closing Punch List of each inspection.
* Attend the meetings with contractor to monitor work progress & discuss technical engineering issues related to work sand punch list issues clearance to complete the work with quality.
* Generation of (NCR) non conformance reports, surveillance logbook entry, site instruction, attending to site inspection according to the approve ITP, verifying the inspection reports validating the results & test as per approval procure & prepare (RFI) request for inspection.
* ADNOC Permit holder training attends in the offshore island to manage the manpower with ADNOC SAFETY GOLDEN RULES (HSE) & H2S training offshore.
* Prepare SAT Plans, supervise & coordinate commissioning activities for startup, power transformers energization VFD,RTU System , Capacitor banks,MV/LV switchgear, power distribution & 240VAC,110VAC&240VDC UPS SYSTEM inverter charges, batteries & load sharing & transfer switch.
* Handles testing of MV/LV Switchboards including apparatus circuit breaker, disconnecting switches, earthling switches, VT's, CT’s secondary injection, protection devices such as earth fault detection, over current, under voltage trip devices and Contribution in witnessed test, methodology of operational and functionality check of following systems & sub systems (FAT, IFAT) activities.
* Inspection installation & commissioning of switch gear, control gear, HT & LT panel, VFD panel UPS system, lighting and distribution panel, MCC, transformer, junction box, CKT breaker, bus duct and its accessories and witnessed insulation, continuity and hi potential cable testing, earth continuity resistance test, low ohm test for bus bars, instrument function test and installation.
* CLINET- :TANGEDCO

 COMPANY: NAVAYUGA ENGINEERING COMPANY

 DESIGNATION: SUPPORTING ENGINEER

 PROJECT: R-APDRP PHASE 1 & PHASE 2 (INDIA)

 DURATION: 16th SEP 2011 TO 30th SEP 2019

* Responsible of testing & commissioning, start-up activities for substations energization rated 0.415kv, 11kv, & 3.3kv up to 33kv and provided technical support to protection, control engineers and assistance project teams to developing project scope and resources.
* Performed as per the project standard the installation inspection of switchgear and motor control center, LV, MV & HV cables, cable tray, cable trunking, conduit, LV, MV & HV transformer, motor, UPS and battery, lighting panel, distribution panel, junction box, fire and gas, cable trench, cable dressing, lighting system, inspection of power, control and instrument cables including megger, lighting system, Local control panels, lighting poles installation for street lights, area lightings and inspection of conduit installation in classified zones and non-classified zones.
* Performed witness inspection of pre-cabling & post cabling, continuity and insulation resistance test of LV cable in all stages, Hi-pot test of MV & HV cables, winding resistance, IR test of motor, no load run test of motor, dielectric test for oil, primary injection test, victor group test, IR test & winding resistance test of transformer, IR- test, Hi pot test and ductor test of bus duct, switch gear & bus bar, OTDR test for fiber optic cable, illumination test of lighting.
* Ability to work within a multi-discipline team to achieve successful installation and pre-Commissioning activities.
* CLINET- :TANGEDCO

 COMPANY: TANGEDCO LTD

 DESIGNATION: ELECTRICAL APPRENTICE

 PROJECT: HIGH VOLTAGE TRAINING (INDIA)

 DURATION: 10th AUG 2010 TO 11th AUG 2011

* 110/11Kv Substation operation training for the period of three months shifts handling separately. Yard maintenance & breaker operation sf6 gas circuit breaker operation, voltage reading measured for every one hour& reporting.
* All distribution transformers testing refilling with new transformer oil & replacing the core.(Ex:100,250,500 Transformers).Handled testing of electrical equipments in substations like CT, PT, Transformers, breaker, Isolator & Protective Relays.
* CLINET- :TANGEDCO

 COMPANY: HAVELLS LTD

 DESIGNATION: ELECTRICAL SUPERVISOR

 PROJECT: METER PRODUCTION (INDIA)

 DURATION: 10th MAY 2009 TO 09th AUG 2010

* Testing single phase & three phase meter by using Astel 1.2 Single Phase Meter Equipment & Shengdi Three phase meter portable equipment. Changing the P.O according to the new tender agreement.
* Meter defects tested & error correction charting on old meters & the corresponding & following test are Electromagnetic compatible test, Emission test, immunity test.
* Personal details-
* Father’s Name : THIRUMALAI RAMSAMY
* Date of birth : 2nd July, 1990
* Place of birth : Chennai City, India
* Nationality : Indian
* Passport No : Z5820831 Validity 02nd Dec, 2029, Madurai (India)
* Driving License : Indian valid Driving License.
* Languages know : English, Hindi, basic Arabic
* Date of Availability: Join/Relocate Immediately without any notice period
* Declaration-
* I hereby declare that the above particulars furnished are correct to the best of my knowledge if the chance given to me to work in your esteemed organization, I will prove myself to the position offered to me.

**Current Location, Abu Dhabi – UAE GANESHKUMAR**