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ABHIJITH.R.NATH
ELECTRICAL ENGINEER



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OBJECTIVE

To be part of an institution which creates scientific knowledge for effective utilization of resources towards national development and to become a faculty in firm that offers professional growth while being resourceful and flexible, where I can effectively contribute my skills as a professional

WORK EXPERIENCE

Corrosion technology services (India) Pvt Ltd

22.08.2019-till now

Job role: Project engineer

Website: www.ctsonline.com

Major clientele – EIL, HPCL, IOCL, WOODS, ADANI, BPCL, ONGC, HMEL, HPCL, GAIL India Ltd, TOYO, Cochin shipyard, CINDA, Bridge and Roof Ltd, AFCONS, Sterling and Wilson etc.

- Visit & execution of CP installation/supply/maintenance/monitoring projects across India.
- Reporting to branch office to work effectively and productively as per customer requirement and project needs.
- Procurement of material as per Project requirements, preparing purchase orders & invoicing
- Planning and development of project scheduling in line with client requirement.
- Conducting Material Inspection and Prepare documentation for the inspection process.
- Establishing bidder lists, evaluating and pre-qualifying vendors, audits, reviewing supplier's documentation for compliance with client /international specifications /rules.
- Project Co-ordination with site activities and client support for design, installation and commissioning.
- All over documentation of projects.

❖ **Major Projects Handled:**

- Cathodic Protection System for Storage Tank Bottom HPCL-Mittel (HMEL) Pipe Line, Mundra Tanks
- Cathodic protection system for steel reinforcement of piles HSEPL chhara LNG jetty
- Cathodic Protection System for 5MM TPA Dhamra LNG Receiving Terminal Project Bhadrak, Odisha,
- Temporary cathodic protection system for mundra kandla LPG pipeline (MKPL) project of adani ports & special economic zone. Ltd. (APSEZ)
- ICCP System for Tanks External Bottom for "ATF Tanks at ONGC Hazira Plant" Project
- Permanent Cathodic Protection System for "Dobhi-Durgapur-Haldia Pipeline Section along with spurlines under JHBDPL Project-GAIL-Jharkand & West Bangal
- Permanent Cathodic Protection System for "Vijaipur-Auraiya Pipeline (VAPL) Project at GAIL
- ICCP system for tank bottoms - 4 tanks (2 fire water & 2 neptha)-IOCL Barauni Refinery
- AMC of CP system of mounded storage vessels at BPCL Rajkot LPG plant-BPCL Rajkot
- Design, Supply & Installation of Sacrificial Anodes for Cathodic Protection of Water Tank at IOCL Bharatpur

Technocorr Engineering Pvt Ltd

22.04.2018- 17.06.2019

Job role: CP engineer

Website: www.Technocorr.com

Major clientele – IOCL, BPCL, GAIL India Ltd etc.

Job function:

- Project coordination
- PSP monitoring, CP systems installation & commissioning
- Conducting Site survey and Corrosion survey supervision (DCVG) etc.
- Pipe line coating

Projects handled

- Assistance in execution of the project – at different site – as site engineer
- Project coordination for maintenance of CP system in Indian oil from barauni to patna and barauni to haldia including supply & installation of CP test stations, SSDD and Anode installation
- DCVG Survey supervision at Gujarat (SMPL, MPPL, KSPL lines)
- Project coordination for maintenance of Pipe line in Indian oil from chaksu including coating
- Project coordination for maintenance of CP system in Indian oil from koyali including supply & installation of CP test stations, SSDD and Anode installation etc.
- Maintenance & monitoring of CP system of Indian oil cochin. Monitoring & maintenance of TRU, AJB & CJB inside plant.
- DCVG Survey supervision at Indian oil refinery Panipat

Jayalakshmi Electricals Pvt Ltd. (R&D Company)

16.06.2016-19.04.2018

Job role: Electrical engineer

Website: www.jayalakshmielectricals.com

Major clientele – TELK, SFO Technologies, Cochin International Airport, Hykon India Limited, NIT- Calicut, Kelton etc.

Job function:

- Design, develop, and supervise the production of three phase and single phase Transformers, Motors, 150 Watt DC online submersible solar pump, Rectifiers, Inverter and Industrial LED Lights
- Initiated new design production in coordination with suppliers and customers.
- Magnetics design and implementation.
- Experienced on troubleshooting of three and single phase transformers, Plating rectifiers and battery chargers.
- Designed and implemented aircraft taxiing guidance signboards and Guard lights.
- Worked with different types of Electrical, Electronic components and LED packages
- Design and installation of solar lighting system.
- Assures product quality by designing electrical testing methods; testing products and system capabilities, Preparation of AutoCAD drawings, quotation and enquires
- Develops electrical products by studying customer requirements; researching and testing, manufacturing and assembly methods and materials.
- Prepares product reports by collecting, analysing, and summarizing and trends
- Preparation of AutoCAD drawings, quotation and enquire

EDUCATIONAL QUALIFICATIONS

2012-2016

B-TECH- ELECTRICAL AND ELECTRONICS ENGINEERING

SETCEM college of engineering and management
University of Calicut

Percentage of marks: 72%

2010-2012

INTERMEDIATE- COMPUTER SCIENCE

G.V.H.S.S Nandikkara
State board of Kerala

Percentage of marks: 80%

2009-2010

MARTICULATION- GENARAL SCIENCE

St. Antony's HSS Pudukkad
State board of Kerala

Percentage of marks: 90%

TRAINING ATTENDED

Attended industrial internship at Transformer and Meter testing and repairing unit of Kerala state electricity board Shornur (**KSEB TMR**)

ACADEMIC PROJECTS

- **Improving Power Quality Performance Using Distributed Power Generation:**
To improve the power quality of grid connected system by using conventional energy resources solar and Wind energy
- **Power Generation Using Speed Breaker:** Alternative method of developing electricity through road power Generation (RPG), Method employing DC generator, Buck convertor etc.

SEMINAR PRESENTED

Bidirectional Dc/Dc Converter System and Fuel Cell Powered Hybrid Electric Vehicle:

Improve the efficiency of hybrid vehicle by using fuel cell and solar cell system solar panel

EXTRA CURRICULAR ACTIVITIES

Secured **first prize** in Calicut University “**D’ZONE**” Cartoon Competition conducted on 2015

COMPUER PROFICENCY

Auto CAD, Mat lab, Proficient in C++, C, MS Office, MS Excel, Photoshop

HOBBIES

Drawing, listing songs, reading, cooking

PERSONAL SKILLS

Excellence in verbal and communication skills, good at team-play and hardworking, willingness to learn leadership qualities, pioneer skills, immense believe

PROFILE

Father's name : Ravindranath E.N
Mother name : Usha ravindranath
Gender : Male
Religion & caste : Hindu, vishwakarma
Nationality : Indian
Date of birth : 20th january 1995
Languages known : English, Malayalam, Hindi

DECLARATION

I do hereby confirm that the information given above is true to the best of my knowledge and belief

Date:

Place:

Abijith.R.Nath