

SIVABALAN PALANIAYYA

Electrical Engineer

As a electrical engineer I have 9 years experience in MEP construction and operation field. Skilled in electrical medium voltage and low voltage distribution construction & designing, plumbing internal & external construction and designing, managing fire fighting & fire alarm construction work. Projects type: Multi storage residential buildings, garments factory facility, metro rail stabling yard & station, oil and gas chemical plant maintenance operation.

Contact Info

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 sivabala620@gmail.com

Skills

Electrical Systems

MEP construction and
operations

Project Management

Control Systems

Safety Procedures

Autocad

Customer Service

Payroll

Direct Supervision

HR

Hand Tools

Ms-Office

Utilize Internet

Languages

English

Tamil

Hindi

Employment History

Electrical Engineer

Oct 2021 - Jul 2023

Classic builders & developers, CFAI LTD • Aqaba, Jordan.

- Planning and schedule keeping MEP construction and operation.
- Electrical medium voltage distribution construction work & designing. Ring main unit (RMU) & transformer installation. Under ground MV cable laying & earthing.
- Electrical low voltage distribution construction work & designing. Main distribution board (MDB), submain distribution board (SMDB), control panels installation. Cable tray & pvc conduits laying, cable pulling & cable termination.
- Plumbing external & internal distribution construction & designing. RCC hume pipeline & manhole installation. HDPE, PVC, UPVC, CPVC pipeline fixing. Plumbing sanitary fittings installation.
- Managing fire fighting and fire alarm construction work.
- 2D Drawing preparation for typical floor drawing, single line diagram (SLD) , section drawing & schematic drawing.
- (BOQ) Bill of quantity preparation for MEP construction and operation.
- Testing and commissioning, materials and tools arrangement, cost control and safety management.

Team Leader

Jan 2020 - Jan 2021

Descon engineering LLC. • Doha, Qatar.

- Planning and schedule keeping for PTW preparation work
- Permit to work preparation for general work, cold work, hot work, contained hot work, work at height, confined space entry, lock out tag out (LOTO), road block permit, radiography test, loading unloading work and vehicle entry.
- MEP maintenance and operation day by day execution planning and coordination with clients and contractors.
- (TBT) Toolbox talk for daily activities, safety issues, safety focus and precautions.
- Materials arrangement, tools arrangement, manpower control and coordination.

Electrical Supervisor

Nov 2017 - Nov 2018

ANELMEP maintenance & operations LLC. • Doha, Qatar

- Planning and schedule keeping for electrical low voltage distribution construction and operation.
- Work permit preparation for MEP construction and operation activities (general work, cold work, hot work, work at height, LOTO, materials shifting, testing and commissioning).
- Main distribution Board (MDB), submain distribution Board (SMDB), control panel installation.
- GI conduits, pvc conduits laying, cable tray, cable ladder fixing and fabrication.
- Low voltage cable pulling and cable termination work.
- Tools and materials arrangement, coordination with clients and contractors, manpower control.
- Toolbox talk (TBT) day by day activities, safety issues, safety precautions and focus.

MEP Engineer

Jul 2015 - Aug 2017

Durha infracon Private Ltd. • Kochi & chennai

- Planning, schedule keeping, safety management, team management and testing and commissioning for MEP operations.
- Medium voltage & Low voltage distribution construction work: 33Kv RMU installation, 33Kv/0.415Kv(1365Kva) transformer installation, MDB & SMDB installation work.
- Cable tray , trunking & ladder laying and fabrication work, GI conduits laying work, Low voltage cable pulling work.
- Designed and developed MEP systems for commercial and residential buildings.
- Managed and coordinated the installation and maintenance of electrical, plumbing, and HVAC systems.
- Performed detailed calculations and analysis to ensure compliance with building codes and regulations.
- Collaborated with architects, contractors, and other stakeholders to ensure successful project completion.
- Conducted inspections and quality control checks to identify and resolve any issues or deficiencies.

MEP supervisor

Dec 2012 - May 2015

Viswa thiagarajan & associate • Chennai, India.

- Managed and oversaw all aspects of MEP (Mechanical, Electrical, Plumbing) projects, ensuring adherence to project plans and specifications.
- Multi storage, high residential building (G+8, G+9, G+16, G+17, G+18) MEP construction work.
- (11Kv/0.415Kv)500Kva transformer installation, 300kw diesel generator installation, testing and commissioning work, low voltage distribution construction work external and internal.
- Coordinated and supervised a team of technicians and subcontractors, assigning tasks and monitoring progress to ensure timely completion of projects.
- Implemented and enforced safety protocols and procedures, ensuring compliance with industry standards and regulations.

- Reviewed and interpreted blueprints, schematics, and other technical documents to ensure accurate installation and maintenance of MEP systems.
- Performed quality control inspections to identify and resolve any deficiencies or issues, ensuring the highest level of workmanship and client satisfaction.

Technician Apprentice

Nov 2011 - Nov 2012

Lucas TVS • Chennai, India

- Gained hands-on experience in troubleshooting and repairing technical equipment.
- Assisted senior technicians in performing maintenance tasks and conducting equipment inspections.
- Participated in training programs to develop technical skills and knowledge in specific areas.
- Implemented safety protocols and followed regulations to ensure a secure working environment.
- Collaborated with team members to complete projects and meet deadlines.

Education

Bachelor of technology Electrical & Electronics engineering

Jul 2013 - Nov 2016

SRM university • Chennai

Diploma Electrical & Electronics Engineering

May 2009 - Apr 2011

PR Polytechnic College • Kumbakonam

High School / GED Vocational education

May 2008 - May 2009

SDHS School • Manjakkudi

Certifications

Basic Offshore Safety Induction & Emergency Training (BOSIET)

Jun 2023

Hydrogen Sulphide Safety (H2S)

Jun 2023

Projects

- Automatic irrigation system: In this system, moisture sensor sense the moisture level of the soil and when the sensor sense a low moisture level it automatically switches the water pump with the help of a microcontroller and irrigates the plant.
- Speed synchronization of multiple motors using BLDC: One motor acts as a transmitter and all the rest as receivers. thus, if a particular speed is set in the transmitter then all other motors speed would be matched to the same speed of the main motor.

Personal Details

- Name : Sivabalan Palaniayya
- Father's Name : Palaniayya G
- Nationality : Indian
- Date of Birth : 07-02-1992
- Marital Status : Single
- Languages Known : Tamil, english and hindi
- Passport No : N8679817

Declaration

I hereby declare that the Above-mentioned information is correct up to my knowledge and I bear the responsibility of the Above-mentioned particulars.

Name: Sivabalan Palaniayya

Place:

Date: