

## CURRICULUM VITAE

**Jabez Robin Paul Raj,**  
**Flat: 15,**  
**Building No:2200**  
**Block:363,**  
**Road No: 6371,**  
**Khamis,**  
**Bahrain.**  
**Mobile: +973 36515014**  
[p.jabezrobin@gmail.com](mailto:p.jabezrobin@gmail.com)

Skype id: jabezrobin

LinkedIn: <https://www.linkedin.com/in/jabez-robin-a943a6176>

**CRPEP LICENSE(Cat-A): EPP/C5189/ELEE/00001-A**



### Objectives:

To obtain a role as an Electrical Project Engineer where I can apply my expertise in LV/MV systems, installation supervision, and project planning to deliver efficient project execution and compliance with safety and quality standards.

### JOB EXPERIENCE

**Feb 2022 – At present      National Concrete Company      Salmabad, Bahrain.**  
***Project Engineer (Electrical)***

The Electrical Project Engineer is responsible for planning, supervising, and executing electrical works in accordance with project specifications, safety standards, and client requirements. The role involves coordination with contractors, consultants, and internal teams to ensure timely and high-quality completion of electrical installations, testing, and commissioning.

#### **1. Project Planning & Coordination**

- Prepare project plans, schedules, and resource allocation for electrical works.
- Coordinate with consultants, contractors, and internal departments for smooth project execution.
- Review project specifications, drawings, BOQs, and standards to ensure compliance.

#### **2. Design & Technical Evaluation**

- Develop, review, and approve electrical designs, shop drawings, load calculations, and single-line diagrams (SLDs).
- Evaluate technical submittals, material specifications, and vendor proposals.
- Ensure designs comply with local regulations, international standards (IEC, NEC), and client requirements.

#### **3. Site Supervision & Execution**

- Oversee installation, testing, and commissioning of electrical systems such as:
  - LV/MV panels
  - Power distribution systems
  - Earthing & lightning protection
  - Lighting & small power
  - Fire alarm and ELV systems
- Ensure works are executed as per approved drawings and safety standards.

#### 4. Safety Compliance

- Ensure that all electrical activities comply with safety regulations and company policies.
- Conduct toolbox talks, risk assessments, and safety inspections before commencing electrical works.
- Verify that all technicians and workers follow safe practices during site execution.

#### 5. Quality Assurance

- Conduct inspections and quality checks at various stages of execution.
- Maintain quality documentation, test reports, and commissioning records.
- Ensure materials delivered to site meet project specifications and standards.

#### 6. Procurement & Material Management

- Prepare material requisitions, compare quotations, and recommend suitable suppliers.
- Monitor material availability and ensure timely delivery to avoid project delays.
- Track and maintain material inventory for electrical works.

#### 7. Communication & Reporting

- Provide daily/weekly progress reports to management and clients.
- Update project status, site issues, manpower status, and completion timelines.
- Attend coordination and progress meetings with stakeholders.

#### 8. Problem Solving & Decision Making

- Identify technical issues on site and propose reliable engineering solutions.
- Implement corrective measures to resolve conflicts related to design, installation, or site conditions.

#### 9. Testing & Commissioning

- Plan and supervise testing and commissioning activities for all electrical systems.
- Ensure proper documentation, certifications, and approvals before handing over the project.

#### 10. Project Handover

- Prepare as-built drawings, O&M manuals, test reports, and completion documents.
- Conduct final inspections with clients/consultants before handover.
- Support in snag list preparation and closure.

Nov 2020 – Jan 2022

Redx Industries and Redx Asphalt

Sanad, Bahrain.



#### *Sr. Maintenance Engineer*

This company is active in Producing Various Concrete Products Such as **Concrete Blocks, Concrete pavers, Kerb Stones, Artificial Stones, Hollow core slabs, Girders, Shell beams, Wall panels and boundary walls, Crusher products.** Reporting to the Maintenance Manager and Organizing a Maintenance Department worth 30 personnel,

I am responsible for:

- Establishing Annual Maintenance Preventive and Corrective Maintenance Plan in accordance to the Production Plan.
- Maintaining spare parts and cost-effective consumables.
  - Responsible for Electrical and Mechanical Maintenance Works for,

- **MASA** Block Factory.
  - **Kerb** Forest Press.
  - Ready-mix plant **BHS** Twin shaft Mixer.
  - **ELBA** Single Shaft Mixer
  - **Rapid** Planetary mixer
  - Washed Sand Plant
  - **RO** Plant.
  - **Facility Maintenance (BMS)**
  - Hollow Core **Elematic Extruder** 150-500.
  - **Elematic** Hot Water Boiler.
  - Overhead Cranes and Semi Gantry Cranes.
  - Jaw and Impact Crusher Plant.
  - **Asphalt** Plant.
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- Making Final solution for Corrective maintenance of Electrical Equipment, Switchgears, Rotating Machines, and instruments
  - Keeping Machine uptime more and reducing Machine Downtime.
  - Unmatchable Co-ordination and Supervision skills to lead the team of both skilled and unskilled Technicians.
  - Monitoring stock Availability of spare parts, orders, and arrival.
  - Performing Maintenance Observation Survey and condition Monitoring.
  - Setting & Developing Strategies & Maintenance objectives
  - Monitoring & Analyzing Maintenance, Utility and Production Cost.
  - Using a range of Advanced Level Tools and Techniques to motivate Maintenance Staff.

My main achievements in this job include:

- Decreased Maintenance cost by 15% in 2020 compared with 2019.
- Production and Quality Satisfaction: Achieved zero unsolved maintenance complaints.

**Sep 2016 – Nov 2020**

**Rak Precast**

Ras Al Khaimah, U.A.E.



***Maintenance Engineer***

This company is active in Producing Various Concrete Products Such as Hollow core slabs, Girders, Shell beams, Wall panels and boundary walls. Reporting to the Maintenance Manager and Organizing a Maintenance Department worth 30 personnel, I am responsible for:

- Establishing Annual Maintenance Preventive and Corrective Plan.
- Maintaining spare parts and cost-effective consumables.

- Repair and Maintenance of Siemens PLC's, Sew Drives Hoist Drives, AC, DC, Single and 3-phase Motors and Brakes.
- Comprehensive Experience in the Supervising repair of Control panels and Major Mechanical and Electrical Systems, including Logical, Analytical, Circuit Breakers, Feeders and Relays.
- Facility Maintenance (BMS)
- Developing and maintaining a network of Maintenance groups.
- Monitoring stock Availability of spare parts, orders, and arrival.
- Performing Maintenance Survey.
- Setting & Developing Strategies & Maintenance objectives
- Monitoring & Analyzing Maintenance, Utility and Production Cost.
- Using a range of Advanced Level Tools and Techniques to motivate Maintenance Staff.

My main achievements in this job include:

- Decreased Maintenance cost by 25% on 2016 compared with 2015 and 20% in 2017 compared with 2016.
- Production and Quality Satisfaction: Achieved zero unsolved maintenance complaints over 3 years.

**Feb 2010 – August 2016 Rak Ceramics**

Ras Al Khaimah, U.A.E.

### **Electrical Maintenance Engineer**

**RAK**  
CERAMICS

This company is active in Producing Various Tiles and Sanitaryware Products Such as Fortified Granite Tiles, Glazed Tiles and Sanitary ware products. Reporting to the Maintenance Manager. I was responsible for:

- Building & Developing Maintenance team in Rak Ceramics.
- Maintaining a team of 5 Maintenance Foreman's and 10 technicians to achieve maintenance target.
- Facility Maintenance (BMS).
- Developing and maintaining a network of Maintenance groups.
- Monitoring stock Availability of spare parts, orders, and arrival.
- Performing Maintenance Survey.
- Implementing Kaizen and ISO Strands.
- Purchase Requisition through SAP-ERP.

Main Achievements:

- In 2010, I started Maintaining Tiles Plant with an average of 30 percent of breakdowns and by 2016 I managed to decrease the monthly breakdowns to achieve the production target.

Reason for Leaving: Had to relocate due to Marriage.

## LICENSE/CERTIFICATION:

- **CRPEP LICENSE(Cat-A): EPP/C5189/ELEE/00001-A**

## ACADEMIC PROFILE

Anna University, Chennai, India

**B.E in ELECTRICAL AND ELECTRONICS ENGINEERING** **2008**

**College:** Sun College of Engineering.

**Project:** PLC Based Three Element Control System

CSC Computer Education, Nagercoil.

**Diploma in Auto-CAD 2008** **2009**

**Grade:** A' Grade

Scott Christian Higher Secondary School, Nagercoil.

**Higher Secondary Certificate** **2004**

**Areas of Concentration:** PCB Designing

**Major:** Electrical Domestic Appliances

## SKILLS

### 1. **Communication**

Clearly explaining project delays to a client in simple terms.

### 2. **Leadership**

Guiding technicians and ensuring each worker knows their task.

### 3. **Problem-Solving**

Finding an alternative cable route when the original path is blocked.

### 4. **Time Management**

Prioritizing urgent shutdown issues over routine inspections.

### 5. **Adaptability**

Adjusting schedules when manpower is low during Holidays.

### 6. **Teamwork**

Coordinating with civil and mechanical teams to avoid site clashes.

### 7. **Attention to Detail**

Spotting an incorrect cable size before installation.

### 8. **Negotiation**

Discussing with suppliers to meet delivery dates without extra cost.

### 9. **Decision-Making**

Choosing the best supplier option based on quality and price.

### 10. **Professional Ethics**

Refusing to approve substandard materials despite pressure.

## PUBLICATIONS AND PAPERS

PLC Based Steam Drum Control System

SCET, Nagercoil.

Three Phase Automatic Change over

SCET, Nagercoil.

## LANGUAGES

English - Speak Fluently read and writes with Excellent  
Hindi - Speak with basic competence.  
Malayalam- Speak with basic competence  
Tamil - Native Language

### **SOFT SKILLS**

- Programming Knowledge in PLC Brands Siemens, Omron, Hitachi, AB, Schneider.
- Programming Knowledge in HMI Brands Proface, Siemens, Omron, Hitachi, Weintek.
- Project Head Programming in PLC
- Electronics Hobbyist Circuits Designing.
- PCB Designing.

### **PERSONAL DETAILS**

**Permanent Address:** 2-120, Grace Cottage,  
West Derisanamcope,  
Azhagiapandiapuram (P.O)-629851  
Kanyakumari District. Tamil Nadu. India.

#### **Personal Details:**

Passport : Y4337012  
Date of Expiry : 9/07/2033  
Visa : Employment  
Visa Expiry : Feb 2027  
Nationality : Indian  
Gender : Male  
Date of Birth : 30-10-1986  
Marital Status : Married  
Dependents : Spouse & 2 Daughters.  
Driving License : 861079124 -(Bahrain) LMV.  
215711 -(UAE) LMV Auto.

### **DECLARATION**

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

Thank You

Station: Khamis, Bahrain

Yours Faithfully,  
Jabez Robin. P