

**Arockia Juslin Deepan**

Dubai, UAE  
Mobile: 971558058375  
Email: deepanee2010@gmail.com



## OBJECTIVE

Seeking a position as **Project Engineer** with a reputed organization where I can contribute and utilize my knowledge & skills for mutual growth.

## PROFESSIONAL SUMMARY

- 7+ years of experience as Electrical Engineer in UAE & India.
- Possess valid UAE driving licence
- Registered member in Society of engineering
- Through expertise in projects- electrical engineering, installation of conduits, cables etc.
- Organized knowledge in project coordination, proposal submission, BOQ, RFIs, PCRs
- Have thorough knowledge on MEP electrical installation
- Possess analytic knowledge on Architecture and Electrical design
- Have well organised knowledge in Facility Management, high rise building facility and maintenance operation, system and equipment's maintenance.
- Possess the enough knowledge in HV maintenance & Operations @ 11KV Substation
- Have good knowledge about the LV panels erection @ 11kV Substation
- Hold a Bachelor of Engineering (BE) in electrical & Electronics.
- Hold a Diploma in AutoCAD.
- Self-motivated, comfortable in taking initiative and working independently.
- Can work under pressure and meet deadlines.
- Excellent communication skills in English, Hindi, Tamil & Malayalam.

## PROFESSIONAL EXPERIENCE

Project Handled	
<b>PV PROJECTS</b>	
PV Bridges and shooters, 4.3 MWp	KAME, Makkah, Saudi Arabia
<b>CONSTRUCTION</b>	
Mataf lighting & Shamiyah Expansion	KAME, Makkah, Saudi Arabia
LV 11 KV substation ( ATS & LV Panel Installation)	Power tech, Chennai, India
<b>FACILITY AND MAINTENANCE</b>	
18 Storied x 2, high rise tower	Damac Properties, Business bay, Dubai
30 storied high rise tower (Manchester tower)	Dubai Marina, Dubai
10 storied commercial tower ( Al khor plaza)	Bin Tamim, Al khor, Dubai
40 Storied high rise tower, O2 residence	Open eye, JLT , Dubai
G+2 x 18 Building , Jwin Staff Accomodation	IDAMA, Muhaisna-2, Dubai

10 Storied x 2 commercial tower	CBRE, Chennai, India
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**Current Position: Project engineer- Electrical**

**Employer : Premier composite technology (DIP-2, Dubai)**

**Tenure : February-2015 to still working**

**Responsibilities:**

- ❖ Monitor compliance to applicable codes, practices, QA/QC policies, performance standards and specifications.
- ❖ Interact daily with the clients to interpret their needs and requirements and represent them in the field.
- ❖ Review tender package, plans/drawings to make sure accuracy, completeness and conduct site inspection, check matching tenders.
- ❖ Compare the electrical/architectural project plans design whether matching with tender specs, prior to the site installation.
- ❖ Coordinate site works include cable pulling, installing conduits, installation of boxes, monitor electrical panel erection.
- ❖ Perform overall quality control of the work schedule, plans, and report regularly on project status.
- ❖ Cooperate and communicate effectively with project managers and other project participants to provide assistance and technical support.
- ❖ Planning to find out solution for unexpected errors as they occur in the site.
- ❖ Analyse the design and material proposals, matching to the international standards
- ❖ Prepare project technical proposals and coordinate approvals and permits, prior to installation at the site, make sure the standards followed
- ❖ Make clarification to the comments on the material submission to the consultants
- ❖ Raise RFIs for the unclear task in the projects and make sure, all norms followed based on tender specs
- ❖ Coordinate with sub-contractors and supplier for the right type of materials, which match international standards and tender specs
- ❖ Attending technical & MEP meeting discussing the progressive of the project architecture and electrical design.
- ❖ Creating the Bill of Quantities (BOQ)
- ❖ Raise the project change request (PCR) if necessary
- ❖ Schedule meeting with supplier to discuss about the material's quality and supply
- ❖ Pre checking installation electrical luminaires in the factory

**Position held: MEP / Facility Engineer**

**Employer : Palmon Group of companies (Jabel Ali, Dubai)**

**Tenure : January 2013 to January 2015**

**Responsibilities:**

- Attending technical & progress review meetings with client/consultant to discuss about the project progress and bottleneck, if any.
- Prepare the project proposal analysing the equipment's and loads and man power calculating for the successful operation

- Able to demonstrate skills and knowledge in installation and servicing MEP assets and mechanical equipment.
- Interpreting HVAC, Electrical, Plumbing, Mechanical, BMS and Electronics system, and replacing faulty operational and safety control systems and spare parts.
- Planning to Troubleshoot day today building operations, engineering and systems and equipment maintenance, total MEP operation.
- Verify the load schedule and alter that as per the (Future load) requirements, following DEWA codes and regulation for the new installation on the existing system.
- Monitor job sites, one time projects assuring safety measures following the risk assessment and the method of statement, technical data.
- Interact/work well with tenants, professional staff, vendors, subcontractors, laborers, craft persons and other workers to carry out daily maintenance in the buildings
- Ensure that contractor understands the contract documents including drawings / specs, phase plans, MEP systems interrelationships, workflow & schedule
- Coordinate with consultant on reviews for shop drawings, MEP related designs, HVAC, Fire Alarm / Fighting & provide solution options
- Perform the tasks of preparing reports on daily activities, work progress, weekly, monthly facility management, accidents and material report
- Ensure MEP Subcontractors adhere with relevant Quality records /regulations including safety
- Monitor & report MEP work progress
- Review drawings submitted by main contractor & verify bill of quantities
- Review contractor monthly progress valuation of MEP work prior to invoicing
- Verify contractor valuation invoices

**Position held: Shift Engineer-Electrical**

**Employer** :CBRE -Goms Electrical Company, India

**Tenure** : November 2011– October 2012

**Responsibilities:**

- ❖ Troubleshooting in maintenance of electrical systems which include Diesel Generators(2250KVA & 1010KVA), Transformers(2000KVA two no's at 11KV/105A 433V/2667A substation), LV & HV switch gears VFD, UPS & lighting control in high rise building
- ❖ Daily, weekly and monthly maintenance on Generators including, performing PPM on scheduled basis
- ❖ B Check performance on Generator on every 300 hours running basis
- ❖ Semi synchronizing of multi diesel generator in the time of power failure
- ❖ Trial run on DG operation and performance on daily basis
- ❖ Transformer monitoring and maintenance on daily and monthly schedules
- ❖ VCB monitoring and performance analysis on daily basis and maintenance in schedules hours
- ❖ Trouble shooting the break downs in lighting control circuits
- ❖ PPM on switch gears and HV & LV equipment's based on scheduled hours
- ❖ UPS and Inverter operation monitoring and maintenance
- ❖ Duties will be at the Tower handling the day to day problems and looking after the maintenance staff detailed at the tower MEP/ Electrical, sewage treatment plant.
- ❖ Troubleshooting problems related to Electrical and Electronic Equipment
- ❖ Identifying areas of obstruction/breakdowns and taking steps to rectify the equipment's.
- ❖ Trial run on firefighting engines on every week

- ❖ Submitting monthly/ weekly/ daily preventive and reactive maintenance report
- ❖ RO plant monitoring and maintenance

**Position held : Site Engineer**

**Employer :** Power tech Pvt ltd, India

**Tenure :** September 2010– August 2011

**Responsibilities:**

- Analyse the architecture design drawing and planning the installation
- Studying the DWG and explaining the co-workers for the erection of the panels
- Monitor the installation team for the proper erection of LV Panels
- Quality check after the installation of LV panels
- Torque test for the bus bars in the LV panels
- Cable termination in the LV panels as per the technical data

## ACADEMIC QUALIFICATION

- ✓ Bachelor of Engineering (B.E) with first class in Electrical & Electronics from Anna University, India(August 2006-April 2010)

## TECHNICAL SKILLS

- Electrical Circuits
- Circuit Breakers
- Induction Motors
- Motor Starters

**Technical Proficiency**

- **DCADD – AutoCAD**
- Smart sheet application, Box application
- Microsoft office 2003, 2007 & 2010 open office
- Power point & Photo Shop

## Personal Details

Date of Birth, Age : 20<sup>th</sup> October 1985  
 Nationality : Indian  
 Civil Status : Married  
 Visa Status : Employment Visa  
 Language Known : English, Hindi, Tamil, Malayalam