

Arockia Juslin Deepan

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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	
PV PROJECTS	
PV Bridges and shooters, 4.3 MWp	KAME, Makkah, Saudi Arabia
CONSTRUCTION	
Mataf lighting & Shamiyah Expansion	KAME, Makkah, Saudi Arabia
LV 11 KV substation (ATS & LV Panel Installation)	Power tech, Chennai, India
FACILITY AND MAINTENANCE	
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 : 20th October 1985
Nationality : Indian
Civil Status : Married
Visa Status : Employment Visa
Language Known : English, Hindi, Tamil, Malayalam