

Resume

Name: Suraj Vijay Padekar
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Career Summary

- Experience 3.2 Years
- Experience in Electrical system design and detail engineering
- Vendor Management & Procurement Assistance
- Hands on experience of Auto Cad 2014, Lighting Design software DILux 4.11 & CG Lux and also Knowledge E-Tap 14.0
- Ability to quickly grasp any new technologies and concepts
- Effective in working independently and collaboratively in teams

Employment History

1. Currently Working as a Jr. Electrical Design Engineer for **Process System Engineering (India) Pvt Ltd**, Thane, From 11 July 2016 to Still
2. Working as an Electrical Design Engineer for **Jarzaccon Engineering Consultancy**, Mumbai from Jan 2016 to July 2016
3. Working as an Apprentice Trainee Engineer in Electrical Departments at **BILT Graphics Paper Product Ltd and Avantha Power Group Company**, Unit- Bhigwan (Pune) from Jan2014 to Jan 2015

Software Skill

- Auto Cad - Version:2014
- Lighting Design software DILux - Version: 4.11 & CG Lux
- E-Tap - Version:14.0
- Microsoft Word, Excel and Power Point 2010

Design Skill

- Electrical Load Calculation
- SLD Design, MCC & PCC Panel Design with Protection Scheme
- Transformer Sizing, DG Sizing, Capacitor Sizing, BusBar Sizing, UPS & Battery Sizing Calculation
- Earthing System Design Calculation & Layout, Lightning Protection System Design Calculation & Layout
- Lighting Design Calculation and Layout (CG Lux & DILux)
- Voltage Drop Calculation, Cable Sizing Calculation, Cable Tray Sizing, Cable Routing, Hume Pipe Sizing & Cable Layouts
- Equipment Layout of Substation, MCC/PCC Panel Room Layout & Control Room Layout
- Preparation of Technical Specification or Datasheet for :
 - HT Indoor switch gear (33/11 KV)
 - Transformers
 - 415 Volts PCCs / MCCs / Bus ducts/ Capacitor Panels.
 - Lighting System (Internal & External)
- Cost Estimation of Electrical Systems
- Pre order & Post order vendor document review and preparing technical bid evaluation for Electrical Items e.g. MCC/PCC/PMCC Panel SLD, Control Panel, UPS, CP System, Transformer etc
- Preparation of design basis reports, BOQ and cost estimates
- Interaction with vendor to discuss queries & obtain compliance on deviations if any
- Site Survey to carry out up gradation of Piping System & Network, At ONGC Uran
- Site Visit Verification of all Electrical Item to Prepare AS Built Drawing

Additional knowledge

- Cathodic Protection System Design
- Hazardous Area Classification
- Aware of P&ID Diagram
- Aware of Indian & International Standards & codes

Projects

- Numaligarh Refinery Limited, Assam (NRL)
- Veeral Additives Pvt. Ltd, Mahad (MH)
- Up gradation Of Fire Fighting System at 11 Installations (Group – II) Of Ankleshwar Asset, Gujarat (ONGC)
- Construction of Integrated LPG & Bitumen Storage Facility Beira Port, Mozambique
- Construction of Effluent Treatment Plant, Additional Handling Facilities and Associated Pipelines at Ankleshwar Asset, Gujarat (ONGC)
- Feasibility Study for Piping System & Network, Uran MH. (ONGC)
- Stearate Plant – II, Dewas (BIAPL)
- FSR - LMM Plant Capacity Enhancement and Automation, Dewas (BIAPL)
- BASF Tank farm, Khopoli (ITIL)
- Pet coke evacuation at Paradip, Odisha (IOCL)
- Lube oil re-refinery plant
- Nhava Sheva India Gateway Terminal, Mumbai (NSIGT)

Electrical Design Courses & skills

- **Electrical System Design & Detail Engineering** course completed at **Dimensional Academy of Engineering, Thane**
- **Auto Cad** course from **Concourse Software Training Institute, Vashi**

Educations

- P.G Diploma (Electrical system design) from Mumbai University with 82.30%
- B.E Electrical from Pune University with 63.59%
- Hsc(science) from Maharashtra with 62.00%
- SSC from Maharashtra with 60.23%

Personal Details

- **Name:** Suraj Vijay Padekar
- **Date of Birth:** 08 Nov 1991
- **Sex:** Male
- **Marital Status:** Single
- **Nationality:** Indian.
- **Language Known:** Marathi, Hindi, English
- **Passport No:** L7474133
- **Permanent Address:** A/p Fattyabad, Tal-Shrirampur, Dist-Ahmednagar (413710)
- **Temp.Address:** Flat No.305, Sai Ganraj plaza, opposite hind School, Digha, Navi Mumbai (400708)