

Balaji

[Balaji.371370@2freemail.com](mailto:Balaji.371370@2freemail.com)

|  |  |
| --- | --- |
| **KEY SKILLS**  **PROFESSIONAL PROFILE** | * Installation & Commissioning of EHV GIS Substations, * Erection & Commissioning of Electrical Equipments in Power Projects (Power Transformer, HV Motors, DG, HT/ LT Switchgears, UPS System) * Installation & Commissioning of 132 KV Power Cables, * EPC Projects of Substations & Power Plants, * Cable Tray & Earthing Installations & Control Cables Laying, * Electrical Engineer with 6+ years’ experience in Substations Erection & Commissioning, EPC Projects, Power Plants. * Highly developed analytical, technical and problem solving skills, highly motivated with the ability to work independently or within a team setting. * Professional with the ability to develop, review and implement Site specific Plan according to the requirements. * Possess comprehensive knowledge of Microsoft Word, Excel, Power Point and Outlook |
| **PROFESSIONAL EXPERIENCE** | **Centaur Electromechanical llc, Dubai, (United Arab Emirates)**  *Project Coordinator, Aug 2016 – present*  **Substations & 132 KV Cabling EPC Project, DEWA, Dubai**  EPC Project – Installation & Commissioning of EHV Substations & Cables |
|  | **400 KV GIS Substation Installation & Commissioning, Emirates Nuclear Energy Corporation, Abu Dhabi, United Arab Emirates,**  **400/ 132 KV GIS Grid Substation in Mohammad Bin Rashid Solar Park at Al – Quotra, Dubai**   * **TOSHIBA – One & half Breaker Scheme**, * **ABB – Double Bus Single Breaker Scheme**, * 400 KV GIS Grid Substations Erections & Commissioning at Baraka Nuclear Power Plant, * Installation & Commissioning of 132 KV Power Cable and O & M Manual Submission and Check List Clearance (TCD & TMD) * Analyse the Test Reports of Electrical Equipment’s & Troubleshooting the Electrical Issues, * Installation & Commissioning of MTR & SAT Transformers & Testing & Commissioning of LCC Panels, * Review Earthing & Cable Tray Drawings and its RMD Update, * Review Pre Commissioning Check List, Work Method Statements, * Analyse HVAC Test Reports of Power Cable & Switchgears, * Co-ordinations & Manual Preparations for final Submission to Client,   **RKM Powergen Pvt Ltd, Chennai, (India)**  *Project Engineer, Aug 2015 – Aug 2016*  Installation & Commissioning of 400 KV Switchgears in Thermal Power Plant.  Design, Detailed Engineering, Procurement, Installation, Testing, Commissioning of 132 KV Cables Installation Between Substations.   * **Alstom Switchgear – One & Breaker Scheme**, * Erection & Commissioning of GRP Panels ,AVR Panels with Excitation Transformer 3.6 MVA as per NEPDI Design, * Erection & Commissioned of 145 MVA Transformers (Crompton Greaves As per Indian Standard IS 2026 : 2009 , * Installation & Commissioning of LCP Panels, * Installation & Commissioning of 132 KV EHV Power Cables, * Preparation of Method Statements, Inspection and Test plans with required checklists, Pulling Tension calculations & O & M Manuals, * Review Pre Commissioning Check List, * Analyse the Test Reports of EHV Cables   **Axon Construction Pvt Ltd (ACPL), Chhattisgarh, (India)**  *Electrical Engineer (Projects), May 2011 – Aug 2015.*  **1440 MW Coal Fired Thermal Power Plant,**  Installation & Commissioning, Operation & Maintenance of Electrical Equipments in BTG and BOP of Coal fired thermal power plant   * 33/11& 11/0.415 KV Substations Erection &Commissioned, * Erection & Commissioned of 2\*11KV/415V, 1\*33/11KV, 400/20 KV (45 MVA) Transformers, 2\*1010KVA DGs in Main Power House of Thermal Power Plant. * 2\*33 KV Overhead Transmission Line (25 KMs) Constructed and Energized with Indian Standard IS : 5613 – 2 and Involved in Government Approvals * Cable Tray and Lighting Fixtures Erected in Control Rooms of BOP (As Per FITCHNER Design) with IS 1913: IEC 927. * 220V, 1800AH Batteries are Erected & Commissioned, 80 KVA UPS System Installed in Central Control Room as per Indian Standard IS 6126 – 6128, * Installation Testing and Troubleshooting Knowledge in Heavy Motors up to 750 KW,(for CEP & Coal Mill ) Using IS 325 : 1996, * Testing & Commissioning of HT & LT Switchgears at BTG, BOP Areas in Thermal Power Plant by way of IEC 62271: 2007 * Boiler & Electrostatic Precipitator (ESP) Equipment’s Erected & Commissioned as per Indian Standard , * Stacker Cum Reclaimer Equipment’s Installation & Commissioning in CHP Area, |
|  |  |
| **EDUCATION** | **Bachelor of Engineering in Electrical & Electronics**  *Anna University, Chennai, India*  *( 4 Year Full time Course), Jun 2007 - May 2011* |
|  |  |
| **ADDITIONAL SKILLS**  **COMMISSIONING SKILLS** | * Proficient in Microsoft Office & Auto CAD * Commissioning of Switchgears, Power Transformers, Lightning Arrestors, HT &LT Panels, HT Motors * 132 KV EHV Cables (HVAC, End to End Test, CRM, Sheath & Shield Break Test) * Review Pre - Commissioning Checklists & Review Test Reports |
|  |  |
|  |  |
|  |  |