

Balaji

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| **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
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| **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,
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| **EDUCATION** | **Bachelor of Engineering in Electrical & Electronics***Anna University, Chennai, India**( 4 Year Full time Course), Jun 2007 - May 2011* |
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| **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
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