**CURRICULUM VITAE**

**VINOD KUMAR** Contact No.: +91 81098 73247

**SENIOR ENGINEER- ROTARY UPS** E-mail:vinodcummins@gmail.com

**CAREER OBJECTIVE**

To work as a professional member with all my potential in the best possible way and manner for your organization.

**CAREER PROFILE**

* + Diploma Electrical Engineer with 9+ years of work experience in operation & maintenance of Diesel Rotary UPS and Diesel Generator sets dedicated to critical data center operations.
	+ Well versed and hands on experience in electrical control system and troubleshooting and switch gears operation.
	+ Quick learner of new technologies and apply them in business solution.
	+ Good understanding of Electrical Drawings, Operation & Maintenance of DG/DRUPS, HT board, LT panels.
	+ Team player with excellent communication, interpersonal, problem solving, co-ordination, supervision & management skills.

**TECHNICAL QUALITIES**

* Good understanding of Electrical Drawings, Operation & Maintenance of DG sets and DRUPS system.
* Both practical as well as theoretical knowledge of Different Electrical equipment’s.
* Hands on experience of troubleshooting problems in Cummins, Mitsubishi, MTU and Kirloskar Diesel engines up to QSK 78 Series 3000kVA.
* Well versed in operation and service of ABB VCB’s, Schneider and ABB ACBs.
* Practical knowledge on preventive maintenance of DG sets, Rotary UPS, switch gear panels and control panels auto panels.
* Hands on experience of troubleshooting problem in Stamford and AVK alternators up to 3000kVA.
* Practical work experience of Synchronization of two or more DG’s.

**PROFESSIONAL EXPERIENCE**

* **SITE INCHARGE AND SR. ENGINEER** From: Nov’2012 to Till Date

 **Hitachi Hi-Rel Power Electronics Pvt. Ltd. Gandhinagar**

**(Service Partner of Hitec Power Protection, the Netherlands)**

Site: **RBS SIPL Gurgaon & 3 Other Reliance Site.**

* Service, Operation & maintenance of 6 MVA Rotary UPS plant and 3 Reliance Industries site.
* Responsibility of site management and operation and maintenance of DRUPS system and its related auxiliaries DG Sets, EOTs, ACBs, VCBs and forklift etc. support system.
* Controlling & monitoring of power consumption status, monitoring of all electrical board, DRUPS system.
* Troubleshooting with the help of QMS, Project Maker (Hitec proprietary software) Concept 2.5 (Schneider PLC Programming Software).
* Successfully handled retrofitting project of Short Break bus at RBS SIPL Gurgaon.
* Installation and Alignment of Induction coupling with the Help of Rotalign meter.
* Vibration measurement of DRUPS system for clutter free operation of system.
* Managing operation activities for Uninterrupted power system, HT Panels, DRUPS, Transformer, distribution panels.
* Troubleshoot Problem in Diesel Rotary UPS sets on different customer sites.
* Review of all incidents with DRUPS system and share the root cause analysis to avoid similar kind of incidents at other locations.
* Prepare SOP’s of all electrical and mechanical equipment’s.
* Prepare & implement Preventive Maintenance Schedule for all DRUPS, HT Panels, DGs, Transformer, distribution panels.
* Prepare check sheets for all the major equipment’s & to monitor the parameters and performance of equipment’s.
* Co-ordination with AMC vendors/contractors in getting the service done for the equipment’s as per the schedule.
* Maintained stock of all emergency and consumable spares for smooth operation of DRUPS system.
* Maintain tools availability for maintenance and service of DRUPS at site.
* Co-Ordination with different vendors and carried out stage inspection of different equipment required in DRUPS Project.
* Daily/ weekly/ monthly MIS report submission to customer as per requirement.
* Monthly/Quarterly maintenance plan release.
* Experience in LT/HT DG Room, Machine shop and Engine assembly maintenance.
* Utility Breakdown maintenance, Tooling system, Air /power system.
* MTBF & MTTR of machines, Equipment’s, Fault tree analysis etc.
* Maintenance of overhead EOTs. Analysis & Control of Break Downs. Shut Down & Preventive Maintenance Planning & control
* Inventory monitoring & Control, Spare parts planning & Control
* Resource conservation Projects planning &
* Improvement (Productivity, Quality, Safety) Work execution
* Cross Audits of inter Maintenance Department. For safety & quality maintain.
* Planning & Execution of Shut Down activities of sections.
* **SERVICE ENGINEER** From: June’ 2009 to Oct’ 2012

 **Jakson Enterprises Pvt.Ltd. Bhopal**

**(Authorized Service Dealer of Cummins India Ltd)**

* Hands on experience of troubleshoot Problem in Cummins DG set up to KTA 50G8 1500kVA on customer site.
* Hands on experience of fault finding in Stamford Alternator up to 3000kva.
* Installation and Commissioning of new DG sets on customer site.
* Pre installation visit of site to verify site conditions before installation of Genset.
* Troubleshooting in AMF and Synchronization panel of DG sets.
* Well versed with Synchronization of two or more DG sets.
* Practical knowledge of different make synchronizing relays.
* Training of site team for operation & maintenance of the system.
* Working in team of Engineers for different Projects.
* Troubleshoot Problem in Cummins DG set with the help of Cummins InPower Tool.

**PROFESSIONNAL TRAININGS**

* Attended training for Service Engineers of Operation & Maintenance of Diesel Rotary UPS at **Hitec Power Protections in Almelo (The Netherland).**
* Completed three weeks training of Transmission/ distribution substation 11kV/33kV/0.415kV from MPMKVVCL Bhopal

# Completed 04 month training of HHP (HAC) High Horsepower Cummins Engine & Alternator Control Panel at URSS Ltd. (Authorizes Cummins Sales and service) Jaipur, Rajasthan

# Completed 02 weeks training of Cummins Corporate Controllers from Cummins India ltd. Pune,

# Attended 03 day Cummins In site (Industrial Engine Service Tool) Training in Cummins Pune.

* Attended 3 days training on PCC 2100, 3100 & 3300 Engine controller in Cummins Pune.

**ACHIEVEMENTS**

* Obtained spot recognition letter with reward for outstanding performance at project site.
* Winner of annual performance award with exceptional performance appraisal in 2015-16 in entire division.
* Winner of Annual Performance Award of Best Electrical Engineer at Jakson Enterprises Pvt.Ltd.

**BASIC PROFESSIONNAL TRAININGS**

* Safety Training for PPE , Safety training for LOTO, KYT & Safety Standard Training, General Safety Awareness
* On-site Internal Training on Schneider make ACB servicing -Technical
* ISIT & IT Security System. Information Security Training
* Global Compliance Program Training 2017, Information Security Training, Behavior on Social Media (2017), Eco-Mind Education
* Service & Maintenance Of Plate Heat Exchanger -Technical

**EDUCATIONAL QUALIFICATION**

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| --- | --- | --- | --- | --- |
| Diploma | Electrical Engineer | 2009 | Rajiv Gandhi Technical University Bhopal, Madhya Pradesh | 66.5 % |
| High School | Maths & Science | 2006 | Sardar Patel High School Karond Bhopal (M.P.) | 62.0% |

**COMPUTER PROFICIENCY**

# 9+ years of experience & proficiency in windows XP, 7, 8, Word, Excel, PowerPoint and all the Internet tools etc.

**PERSONAL DETAILS**

* Local Address : H No.578, Bass Mohalla, Village Ghitorni,

 New Delhi-110030

* Date of Birth : 12.08.1991
* Gender : Male
* Marital Status : Married
* Languages : English, Hindi,

Whatever stated above is true to the best of my knowledge and belief.

Vinod Kumar