

**HARPREET SINGH**

House No. 4856/25, Guru Arjan Dev Nagar, Putlighar, Amritsar-143001

[er.harpreetsingh56@gmail.com](mailto:er.harpreetsingh56@gmail.com)

+91- 9878679933



**CAREER VISION**

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning

**RELEVENT EXPERIENCE**



* Currently Working in Lovely Enterprises since Dec 2017 as Electrical Supervisor.
* Having 3 Month experience in TCTS as a BSS Engineer from Nov 2016 to Feb 2017.
* Having 7 Month experience in ZTE India Private Limited (Airtel 4G-Project) as Quality Engineer from Nov 2015 to June 2016.
* Having 1.5 Year experience in Vodafone South Limited as a BSS Engineer from May 2014 to Oct 2015.

**POSITIONS OF RESPONSIBILITY**



**Electrical Supervisor (Lovely Enterprises)**

* Experience in supervising job related to transformers, Switchgear, MCC, UPS, Cathodic Protection, F&G system, Cabling & Termination, Cable Jointing, Earthing, Lighting and Lightning.
* Good working knowledge of survey, Installing, Testing, and Commissioning Oil field **electrical** equipment, such as Transformers, Electric Motors and all types other **electrical** Equipment’s and components.
* Excellent planning and organizational skills with ability to manage the day-to-day activities of the work site is a must & Capable for managing the site activities assigned by the discipline engineer and shall request various material required for the execution of the job along with required tools and tackles.
* Experienced in meeting all safety measures, guidelines and regulations for the safe execution of work and shall report the work progress to the superior on day to day basis.
* Good understanding of Electrical Drawings, Planning of Projects, Erection & Maintenance & Both practical as well as theoretical knowledge of Different Electrical Instruments.

**Associate Engineer (TCTS)**

* To provide 24 x 7 support to have 100% network availability.
* Coordinating with the Electrical Team (Indus,Viom,GTL, Tower vision, Aster etc.) for proper Operation & Maintenance of the BSC’s, Cell sites, Electrical equipment’s, 24x7 handling & rectification of the various alarms
* Installation & maintaining of electrical equipment’s (SMPS, AC, PIU, BB, DG) Manage all responsibilities of cell site in Amritsar Zone.
* VSWR Checking & Power Measurement by Bird & Anritsu Site Analyser & Acceptance & Testing (A.T.) of BTS Sites & Carrying out the BTS expansions as per the Network Performance requirements, Planning & Representing of the cell sites into the new BSC.

**Quality Engineer (ZTE)**

* Performing quality reviews and internal audits; evaluating data and writing reports to validate or indicate deviations from existing standards.
* Supervision of Installation, Commissioning and Automation D.G., P.I.U/IIPMS, S.M.P.S., Battery Bank, A.C., A.C.D.B. & D.C.D.B. & Monitor Install Quality/Health & Safety in field & Carry regular audits in Field regarding monitoring install Quality/Safety.
* Carry regular trainings in field regarding Install Quality & Circulating the updates to customer on installation Quality
* Guides others on identifying and documenting performance and best practice benchmarks.
* Makes recommendations for what to benchmark; defines how a task, process, or procedure is to be measured.

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| **Technology Executive (VODAFONE SOUTH LIMITED)** |  |

* To provide 24 x 7 support to have 100% network availability & Coordinating with the Electrical Team (Indus,Viom,GTL, Tower vision, Aster etc.) for proper Operation & Maintenance of the BSC’s, Cell sites, Electrical equipment’s, 24x7 handling & rectification of the various alarms.
* Working on the BTS equipment for Operation & Maintenance of major equipments like BTS (Ericsson2964, 2964V2, 2954, 2954V2, 2111, 6201, 6202) Microwave (NEC/ NEO Paso link/Hawei /ECI: XDM 1000, XDM 500, XDM 400, XDM 100, MICROSDM, and MICROLAN
* Looking after infra of 82 Vodafone owned pole sites including battery bank and other electrical equipment’s &
* Having Knowledge of Installation & Termination of Fiber Optic Cables at various fiber distribution hubs. Ability to use and read Schematic and Plant diagram for performing the given jobs.
* Preparation of Cell Design Data for the new BTS sites and parameter fine-tuning with feature implementation. .
* Looking after the Operation & Maintenance of Almost 600 GSM cell sites & 6 Ericsson BSC’s E1 Provisioning for, VC-12 Traffic like SITES, ATER, GB OVER IP LINK, OSS & Management.
* Traffic Shifting, analyze performance reports and identify instances of deteriorating cell site performance like call drops, effectiveness of call handover among others.

**TECHNICAL SKILLS**



**Professional Skill**

* Maintenance and health checks of Transmission links (PCM) & NEC MUX. Maintenance of MUX using Extended Craft Terminal software. Operate active equipment’s installed at BSC and BTS, indoor and outdoor BTS, cables, connectors, Microwaves (TDM and IP based) TRX optical fiber.
* Operate equipment specific software like network manager troubleshoot common equipment and network related problems.

**Other Skills**

* Quick grasping power and learning capabilities, Open minded, like to accept any challenge with can do attitude, Optimistic approach during difficult situation
* Good Communication skill and capability to handle intercontinental projects & effectively resolve disputes and manage disagreements
* Troubleshooting problems or flaws in the item provided for testing.

**TRAINING & DEVELOPMENT**



* Six Month Industrial training in Rikken Instrumentation Limited.
* Two Month Industrial training in Six Scene.

**EDUCATIONAL QUALIFICATIONS**



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| **Bachelor of Technology in Electronics and Communication Engineering (PTU, Percentage - 69.72 %)** | | | |
| * *Sri Sai Institute College of Engineering and Technology Aug 2013* | | |
| **Diploma in Electronics and Communication Engineering (Percentage – 59.4%)** | | |
| * *S.B.S Polytechnic* | Dec 2009 |
| **Matriculation (P.S.E.B, Percentage – 59.8 %)** | | |
| * *Khalsa College Senior Secondary School* | March 2006 |

**ACHIEVEMENTS & PARTICIPATION**

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| |  |  | | --- | --- | |  Won “Super Achiever” prize in Network operation quarterly event at Mohali organized by Vodafone South Limited Dec 2014 |  | |  Participated in Intelligent Ambulance Project Dec 2012 |  | |  Participated in Automatic Car Parking System Project May 2010 |  | |  Participated in Analog Inverter Project Sept 2009 |  | |  |  |  |  |  |  |  |  |  |
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**HOBBIES**



Watching Cricket | Listening to music |

Amritsar, Punjab

Date: (Harpreet Singh)