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Birth Date : - 7th February 1969

Summary

- Seasoned Electronics/Electrical Engineer successful at coordinating diverse projects, improving departmental processes and increasing revenue.
- Electrical Engineer adept at all aspects of LT/HT engineering includes load calculation & panel design.
- Weaving-processing-spinning-power plant-HT/LT line distribution-electrical drawing-panel selection-experience in engineering section

Highlights

- Project management
- Computer problem solver (Hardware)
- Statistical analysis (Electronics/Electrical)
- Strong decision maker
- Expert trouble shooter(Electronics/Electrical)
- Logical designer
- AutoCAD designer 2D & 3D (Basic)
- H – Plant
- R.O. Plant
- Boiler
- A/C Plant
- Humidity plant
- Boiler
- HT/LT motor & transformer
- Sub station
- Turbine & generator
- HT/LT compressor
- AC/DC drives
- Weaving M/C - Process Machines – Sizing M/C – Twisting M/C - Warping M/C – HT & LT panel & Transformer – civil construction – M/C erection – Chemical Industries - Electrical calculation – AC/DC drive repairers & panel trouble shooting.
- Panel designing – PLC design as per SLD

Experience

Total Up To date Experience – 20 Years.

- **Sr. Supervisor**

February - 1994 to August - 1998

Reliance Industries Ltd. – Ahmadabad, Gujarat, India

- **Maintenance In charge**

September - 1998 to December – 2001

Suzlon Fibers Pvt. Ltd. – Ankleshwar, Gujarat, India

- **Sr. Engineer – Engineering**

January – 2002 to July – 2006

Donear Industries Ltd. - Umbergaon, Gujarat, India

- **Sr. Engineer – Engineering**

August – 2006 to April – 2007

Aunde Faze Three Exports – Silvassa, Dadra and Nagar Haveli

- **Chief Engineer – Engineering**

May –2007 to January – 2012

Neptune Spin Fab Pvt. Ltd. – Ahmadabad, Gujarat, India

- **Chief Engineer – Engineering**

February – 2012 to April - 2014

Pee Gee fabrics Pvt. Ltd. – Naroda, Ahmedabad,Gujarat

Chief Engineer – Engineering

May – 2014 to July - 2017

Amitara Green Hi-Tech Tex, Park (Jindal group), Ahmedabad,Gujarat

Chief Engineer –Techno Commercial and Design

Aug – 2017 to Present

Sia Sales Corporation, Jetalpur, Ahmedabad, Gujarat

Education

| Course | Discipline/ Specialization | School/ College Name (Location) | Board/ University | Year of Passing | Aggregate Percentage |
|---------|--|---|--|--------------------|-------------------------|
| Diploma | Electronics and Communication Engineering | Government Polytechnic,Aambavadi, Ahmedabad,Gujarat | Technical Examination Board, Gujarat | 1993 | 63.35% |
| I.T.I | Electronics Fabrication & Assembly Mechanic | C.N.Technical Centre,Ambavadi, Ahmedabad,Gujarat | Technical Examination Board, Gujarat | 1990 | 82% |
| H.S.C | Science | Shree N.M.High School,Sabarmati,Ahmedabad | G.S.E.B. | 1989 | 40% |

Pragnesh H. Gajjar
Electrical/Electronics engineer

PERSONAL SUMMARY

(Electronics)

- As Electronics engineer maintenance and monitoring of various projects.
- Testing and Designing of circuits and PCB.
- R&D in projects according in customer requirement.
- Testing Sensors, PCBs, Connectors, Power Supplies and Signal Conditioners.
- Final designing in PCB & instrument.
- Fault finding in PCB and machine.
- Monitoring and maintaining daily target as required in project.
- Calibration of all equipment as per requirement and jig.

(Electrical)

- Preparation of Electrical procedures for installation test & commissioning.
- Reading electrical design specifications and technical drawings. Organizing routine servicing schedules.
- Making sure all electrical engineering projects are fit for purpose. Liaising with and monitoring third party contractors.
- Basic electrical drawings using software.
- Also panel designing.
- HT line checking & maintenance
- Schedule maintenance of HT/LT lines & switchgear/circuit breaker.

Skill (Working Area)

- Test electronics/electrical units, using standard test equipment, and also analyze results to evaluate performance determine need for adjustment
- Perform preventative maintenance or calibration of equipment or systems

- Read blueprints, wiring diagrams, schematic drawings, or engineering instructions for assembling electronics/electrical units, applying knowledge of electronic theory components
- Identify resolve equipment malfunctions, working with manufacturers or field representatives as necessary to procure replacement parts
- Maintain system logs or manuals to document testing or operation of equipment
- Assemble, test, or maintain circuitry or electronic components, according to engineering instructions, technical manuals, or knowledge of electronics, using hand or power tools
- Adjust or replace defective or improperly functioning circuitry or electronics components, using hand tools or soldering iron
- Procure parts as well as maintain inventory related documentation
- Maintain working knowledge of state-of-the-art tools or software by reading or attending conferences, workshops, or other training
- Provide user applications or engineering support or recommendations for new or existing equipment with regard to installation, upgrades, or enhancements
- Write reports or record data on testing techniques, laboratory equipment, or specifications to assist engineers
- Design basic circuitry as well as draft sketches for clarification of details design documentation under manager's direction, using drafting instruments or computer-aided design CAD equipment
- Build prototypes from rough sketches or plans
- Develop or upgrade preventative maintenance procedures for components, equipment, parts, or systems
- Fabricate parts, like coils, terminal boards, or chassis, using bench lathes, drills, or other machine tools
- Ability to prepare Operation & Maintenance Manuals.
- Able to assist or instruct electricians and wiremen.
- Willing to be on a call out rota for emergency callouts.
- Strong decision-making skills and the ability to prioritize and plan effectively.
- Methodical approach to all tasks.
- Ability and also willingness to work in all weather condition
- Excellent customer facing and communication skills.
- Responsible for the routine and ad hoc maintenance duties plus the smooth, efficient running of the electrical supply, Looking after all electronic and electrical equipment, keeping up planned maintenance and spare lists for the engine room and deck machinery, including boilers, pumps, compressors, air-conditioning and refrigeration plant, including generators, Heavy lift equipment and diesel engines.
- DC and AC circuits, electrical machines, electronic devices, digital principles and electronic circuits including amplifiers, oscillators, feedback systems and power supplies.
- Fully conversant with Earth Loop inspection / testing.
- Carrying out repairs, maintenance and inspections. Diagnosis of faults to component level.
- Camera, CCTV and television techniques, analogue and digital pulse circuits, transmitters, transmission lines, waveguides, SHF oscillators receivers, display systems, fundamental positional and rate servo mechanisms including hydraulic systems.
- Interpretation of mechanical and electrical circuit diagrams.
- Compilation of written defect reports including supporting sketches and diagrams.

Safety:

- Full working knowledge and experience of
- Training and directing others on safety matters.
- Maintaining up-to-date systems records ensuring safety reliability.
- Inspections of equipment and systems for defects.
- Performing and recording results of safety tests on critical equipment and systems.
- Testing and restoring to service after wrong-side failures.
- Special checks/investigations of safety standards and/or systems failures.
- Testing and certifying safety of systems/ installation modifications and recommending improvements.
- Both practical as well as theoretical knowledge of Different Electrical Instruments.