

Parth Harishbhai Vaghela

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Senior Electrical Engineer | Offering Over 12 Years of Experience

Targeting a challenging career in production engineering and planning, specializing in quality assurance, production planning, new product development, quality control, product audits, process operation, Kaizen, QC Tools, 5'S, and continuous improvement to independently handle a section.



Profile Summary

- Currently working as **Senior Engineer at La-Gajjar Machineries Pvt. Ltd.**, bringing rich experience in Electrical Engineering, specializing in **submersible motor and pump testing**, proven expertise in **handling production and manufacturing processes** with a focus on quality, efficiency, and safety.
- Successfully led a **dynamic team of 5 Engineers** in motor and pump production, earning recognition for exemplary leadership and contributions.
- Possess certification in **7 QC certificate** as well as **BIS capsule**; received **certificate of Recognition** as the **First Runner-Up** in the **Quality Month Celebration's Kaizen category**, presented by the Managing Director and CEO.
- Expertise in **optimizing production processes**, implementing **rigorous Quality Assurance measures**, and adeptly resolving intricate product-related challenges;
- Pioneered the **establishment of a 5"S" environment**, introduced lean manufacturing practices, and implemented effective Kaizen systems for continuous improvement.
- Proficiently collaborated with **leading OEMs such as Crompton Groves (CG), Usha, and KOEL**, showcasing skilled management during audits and ensuring seamless coordination.
- Possesses **hands-on experience with Sales & Purchase ERP systems**, showcasing a tech-savvy approach to production management.
- Specialized in **production planning, adeptly managing monthly MIS, MOP reporting**, and ensuring compliance with stringent ISO documentation standards.
- Actively engages in professional development through **consistent training in 7 QC tools, 5"S," and safety awareness**, embodying a commitment to continuous improvement.

Core Competencies

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| • Submersible Motor and Pump Testing | • Training and Mentorship | • Product Positioning |
| • Gemba Meetings and PQDCS | • R&D and Innovation | • Strategic Alliances |
| • Data Entry and Analysis | • Safety Guidelines and 5S Processes | • Contract Negotiations |
| • ERP systems | • MS Word, MS Excel | • Process Optimization |

Organizational Experience

Sr. Engineer at Kirloskar Oil Engines (KOEL), la Gajjar machineries Pvt. Ltd.

Mar 2013 - Present

Responsibilities:

- Conducting **daily Production and Gemba meetings** on PQDCS, ensuring effective communication and collaboration within the team.
- Member of the **Cross-Functional Team (CFT)** actively addressing and **resolving diverse defects**.
- Managing the **No load & full load testing** department, supervising the night run process of motors for validation.
- Performing **PPM activities**, generating daily, weekly, and monthly motor testing reports.
- Leading **R&D processes** for new submersible pumps and motors, contributing to product innovation.
- Counselling **contractors and workers** on a weekly basis, addressing concerns and ensuring a positive working environment.
- Providing **guidance for safety protocols** and **implementing 5S processes** in the department.
- Taking responsibility for **instrument calibration (NABL approved)** to maintain accuracy in testing procedures.
- Offering **pump selection guidance to new recruits**, aiding in understanding of the organization's product line.
- Conducting **company visits for new recruits**, providing them with insights into our products and processes.

- Training and **mentoring new engineers**, facilitating their seamless integration into the organization.

Highlights:

- Established a **database for monitoring the validation and calibration** of all production equipment.
- Led a **new project** following MNRE guidelines for **solar PV structures, modules, power cells, controllers, and solar submersible pump systems**.
- Contributed to **R&D processes for new submersible pumps & motors**.
- **Increased productivity** through streamlined work steps, automation, and effective work practices.
- Conducted **time studies, layout designs, and tracking**, along with project management and process control.
- Completed **1 year of apprentice training** from 1-1-2012 to 31-12-2012.

Education

- D.E.-6th sem. | G.T.U | Secured 7.40 | May-2011
- D.E.-5th sem. | G.T.U | Secured 6.47 | Dec.-2010
 - CPI: 6.08/10.00 | Branch Electrical
- S.S.C.(10th) | G.S.E.B. | Secured 76.00% | March-2008

Personal Details

Date of Birth: 21st Aug, 1993

Languages Known: English, Hindi, Gujarati