

GAURAJ KERKAR

B.E. Mechanical with 8 years' experience in Project Management & New product development

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To secure a challenging position where I can effectively contribute my skills and pioneering ideas to gain knowledge in work oriented environment.

- Experienced in **Project management, New product development and Execution of project.**
- Proficiency in **SAP, AutoCAD, SolidWorks, Microsoft Office (Word, excel, Power point).**
- Knowledge of **Lean Management tools.**
- Exceptionally **well organized** with a track record that demonstrates self-motivation, creativity and initiative to achieve both personal and corporate goals.
- Excellent Team working skills
- Hands on experience in **EPC project management, Product Development / Coordination (BRR-DRR-PRR-VRR), Tool designing, Machine programming.**

PROFESSIONAL EXPERIENCE

COMMSCOPE-ANDREW TELECOMMUNICATIONS INDIA PVT.LTD, GOA

September 2017- Present

 **Process Engineer**

Job Responsibilities:

- Smooth handover of **New product introduction** on Production manufacturing lines.
- Responsible for **Project co-ordination** with **cross functional** team – R&D, Buyer, Quality & production and qualifying the Product in given timeline.
- Innovating and implementing cost reduction, quality, safety, and ergonomic
- Improvement ideas of moderate scope through EPDP (Enterprise Product Delivery Process) processes.
- Conducting DFMEA, PFMEA, Assembly findings, Work instruction through e-builds, modeling, and simulations.
- Hands on experience in using industrial engineering tools like Time studies using PMTS like MOST, MTM1, MTM UAS, Line balancing, Throughput optimization, Process planning.
- Product Handling from **Business Review** ⇨ **Design Review** ⇨ **Production Review** ⇨ **Volume Review.**
- Defining new process by preparing work instructions for the production line according to the time study, cycle time, Line balancing, Mapping new manufacturing process & any testing equipment's required.
- Responsible for the assembly layout, workflow, FPY & ramp up plan for the production. Implementation and sustainment of 3M Technique.
- Maintaining **Routing, Production version** in SAP.
- Preparing of **PFMEA, DFMEA, and Control** plan along with CFT.
- Conduct **DFM, review** Report along with **R&D & Quality** on product.
- Prepare **PCBA report** for Electrical component, Sub assembly, core assembly of product.
- Identify Fixtures/ Tools required for **Auto machines – ERSA selective wave soldering machine, SMT Reflow machine, JT wave soldering machine, Riveting machine.**

- **Designing of tool & fixture for assembly line & Sub assembly machine soldering pallets in Solid works**
- **Coordinate with vendor- procurement of fixtures – Qualifying the fixture for production line.**
- Study of BOM in details, do make Vs buy analysis & define outline activities either by outsourcing or internally.
- Responsible for reducing In-house Rejection & Scrap Phenomenon by effectively implementing the standard procedures using the tools **KAIZEN, POKAYOKE**, 5S Principals, SPC & TPM.
- Identifying potential areas in product/process to reduce cost and implementation of the plan.
- **Uploading** drawings in SAP.
- **Maintenance** & documentation of all process related document as per standards.
- **Planning** to ensure completion of **project** in given stipulated time.

DE NORA INDIA LTD. (formerly TITANOR COMPONENTS LTD.)

July2015 - Sept2017

 **Project Engineer**

Job Responsibilities:

- Worked on Project **RELIANCE J3** Program, Gujarat, **L&T** water treatment plant and distribution system, Chhattisgarh
- Responsible for **costing** at bidding stage.
- Continuous Co-ordination with **Client** for timely completion of **Documentation & Execution** of project.
- Designing & checking the P&ID.
- Preparation/ update of Equipment data sheet (incl. pump, filter, exchanger, etc.), Instrument **Data Sheets**.
- Assist in **supplier selection** process by conducting, meeting with suppliers, creation of Supplier Verification Plans. Conduct **supplier audits** if required.
- **Qualification** of new vendors as per customer requirements.
- Vendor visit & conduct third party **TUV inspection** for qualifying of component.
- Work with project holder on the development of **product quality plans**.
- **Inspection** of Raw material & final product.
- Carrying out the **manufacturing** and assembling of the project.
- Coordinating with site Manager /Engineer smooth execution of site activities
- Checking & maintaining of all project related documents as per **ISO standards**.
- Analyzing fabrication drawings & **preparing inspection report**.
- Raw Material calculation from the Drawings and **BOM** preparation
- **Installation** and **Commissioning** activities at the Customer sites.

ACHIEVEMENTS



Won **1st Place** for Kaizen competition- Reflow SMT pallet Optimisation.



Won **1st Place** for Kaizen competition- Standardization of input routing fixture.



Won **2nd Place** for Kaizen competition- Radom insertion mechanism.



Won **2nd Place** for Kaizen competition- Pallet in pallet concept fixture for Automation.



Design & development of dual soldering fixture resulting in saving of **\$23000** annually.

EDUCATIONAL QUALIFICATIONS

- Lean six sigma Black belt certification, Certificate No. B100530 2022
- Lean six sigma Green belt certification, Certificate No. 100860 2022
- B.E. Mechanical Engineering from Don Bosco college of Engineering (Goa University) 2015
- Diploma in AutoCAD 2D & 3D from IMS CAD Centre, Goa 2015
- H.S.S.C from S.S. Samiti higher secondary school (Goa Board) 2011
- S.S.C from St Mary's high school (Goa Board) 2009

PERSONAL DETAILS

Name : Gauraj Kerkar
Date of Birth : 30th April 1994
Sex : Male
Marital status : Single
Nationality : Indian
Languages Known : English, Hindi, Konkani & Marathi
Hobbies : Photography, reading books.
Address for communication : H. no. 148309, Pushpa Kamal bldg. Near Kirti hotel Ponda Goa

I hereby declare that the information furnished above is true to the best of my knowledge.

GAURAJ KERKAR

