M. RAMRAJ

No. 1497, Periyar Nagar, Thellar (Post), Vandavasi (Taluk), T.Malai (Dist) - 604406, Tamil Nadu Contact: +91-7845494458; E-mail: ram87mech@gmail.com Date of Birth: 10th Dec 1987

MANUFACTURING ENGINEERING NEW CAR DEVELOPMENT - AUTOMOBILE INDUSTRY

- Dedicated, resourceful and innovative Engineer with B.Tech. (Automobile), offering 10.7 years of experience in New Car Project Planning & Development in the Automobile Industry; currently spearheaded as Senior Executive with Hyundai Motors India Ltd.
- Demonstrated professional excellence in project & product planning, scheduling, monitoring, and execution of projects without incidences of time/cost overruns proven ability in giving product development specifications to design teams for compliance adherence.
- Key competencies in Line Input Feasibility Study & Planning, Project Schedule Preparation, Drawing Study & design improvement proposals (L, Proto, Pilot stages), Budget Planning & Preparation, Equipment planning sheet preparation (Jig, Robot, Welding Gun, Sealer, EMS Etc.), Process Sheet Preparation, procurement of equipments & materials, Equipment inspection & Quality Confirmation, Equipment install & Line Tryout, End item spec study & Part Preparation, Sub Material standard Preparation, cycle time reduction & productivity improvement, New Car Body Quality Achievement, preparation of FMEA, Control Plan, Process Flow Charts, Work Standard Sheets, Effective Floor Space Utilization & Effective Negotiation Skills, Start of Production Stage Line stabilization & Cross functional tem activities.

Achievements:

⇒ Improvement Activities

- Installed Servo Auto Welding gun to improve weld quality & reduced Spatter.
- Made Manual Sealer Application Robot Sealer Application.
- S/Sill Loading & Welding Automation
- S/Outer Oil Application Automation.
- Door Hanger System Installation (Worker Fatigue)
- Trunk Lid Jig Localization
- Multi Hanger Installation (9 Nos)
- Layout modification Safety

⇒ New Technology Implementation:

- MFDC T/C Installation
- Auto Tip Changer Installation

Core Competencies

New Product Development (Car) / Process Management ~ Service Engineering / Operations ~ Cost Rationalization ~ Project Execution ~ Defect / Root Cause Analysis ~ Product Development & Testing ~ Training & Development ~ Client Servicing ~ Resource Management ~ Troubleshooting ~ Spares Management / Repairing ~ Faults Analysis ~ Product Quality Improvement ~ Customer Relationship Management ~ Technically competent ~ Cross-functional Coordination

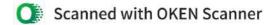
PROFESSIONAL EXPERIENCE

HYUNDAI MOTORS INDIA LTD.

Nov 2010 - Sep 2022

Senior Executive - Passenger Car Manufacturing Engineering - Body & Planning

- Spearheading efforts as Senior Executive Manager (Passenger Car Manufacturing Engineering Planning & Body); responsible for preparing new product layout & improving the existing layouts for optimum utilization of man, machine & floor area.
- ⇒ Preparing Design Change proposals for new models (Initial Stage) related to Existing Equipment Condition & Existing Model Quality Problems (Chronic Issues) Sending to HMC R & D.
- ⇒ Equipment Planning Sheet Preparation & Confirmation with Factory Automation team.
- ⇒ Sub Material & Man-hour Standard Preparation for New Models.



⇒ Handling procurement of material (knowledge on import of material-co ordinate with purchase, traffic & customs), preparation of bill of material, quotation comparison, cost negotiation, purchase request release, payment release and follow up, including preparation of drawings, bill of material and quotation for carrying out comparison.

⇒ Carrying out New Car Production & achievement of Quality by studying I/F, CMM reports and doing in house & vendor end jig correction, handling New Equipment installation & stabilization.

Accountable for preparation of line balancing sheet, work standard sheet, model identification sheet for new model launch and scheduling preparation of the project activity.

⇒ Planning, preparation & maintaining of master records related to new product launch.

- ⇒ Maintain coordination with purchase, costing, business planning, traffic & customs for procurement of equipments for new model launch.
- Responsible for capacity planning based on requirement laid by marketing team. Coordination with the designer about the equipment suitability to the existing setup.

Arranging facility arrangement for new car mass production; conducting training for the workers about process and working of the new machinery.

- ⇒ Oversee all phases of New product development; approve engineering/design changes, troubleshoot and resolve complex technical problems, consistently meeting project deadlines & highest possible quality standards
- Project Basic Plan/Investment Proposal Report Preparation, Production Preparation Plan (4M, Install Plan)
- ⇒ Equipment Preparation status & Project Activity Status Report Preparation (T ~ SOP)
- ⇒ Capital & Revenue Budget Planning, Monitoring & Handling

PREVIOUS EXPERIENCE

Delphi - TVS Diesel Systems Ltd. Technical Assistant - Quality Engineering - Assembly & Testing Jul 2008 - Nov 2010

- ⇒ Daily Line Audits: Product & Process Audits/ Cleanliness Audit/ Poka- Yoke Audit/ Final Inspection.
- ⇒ Process Capability Study, Process Revalidation Monitoring
- ⇒ Layout Inspection & Monitoring the Product Quality
- ⇒ Daily Rejection Aanalysis, Taking Actions & Effectiveness Monitoring
- ⇒ Preparation of Work Instructions & Training Given to the Operators and Identification of training needs for the Team
- ⇒ Problem Solving through QC Story
- ⇒ TPM Activity: Kaizen Implementation, Poka-Yoke, Why-Why Analysis, 5S Concept
- ⇒ Daily, Weekly, Monthly Rejection Report Preparation

EDUCATIONAL CREDENTIALS

B.Tech. Part Time (Mechanical), 2009 SRM University, Chennai; CGPA 7.704 % DIPLOMA (Mechanical), 2008 Central Polytechnic college, Chennai; 83.83 % XII, 2005 Govt. Higher Secondary School, Thellar; 76.6 % X, 2003 St'anns Higher Secondary School, Tindivananm; 84.8 %

Computer Proficiency: MS-Office, Auto Cad, Catia.

Languages Known: English, Tamil.

Declaration:

I hereby declare that the information presented above is true and correct to the best of my Knowledge.

Yours faithfully,

(M.Ramraj)

