

ANANTA RAO C. R.

Maintenance & Engineering professional, offering over 2 decades of experience with Production Machinery/ Utility Equipment / Facility Management / EHS bent of mind and a proven track record of stamping success in uncertainties & challenges across the entire gamut of Brownfield Facility Projects / Manufacturing Excellence / People Management and driving performance enhancement.

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PROFILE SUMMARY

- **Strategic leader offering rich and extensive experience** in:
 - Manufacturing, Quality Assurance, Operation and Maintenance, Strategic Planning & Implementation, Project Planning & Management, Utilities equipment, HSE Management, MTBF & MTTR, Client, AutoCAD / DraftSight (2D), Stakeholder Management, MEP & PHE Executions, Industrial Safety, Industrial Engineering & Layout Engineering
 - **Industry Exposure:** Automotive, Automotive Textiles & Non-Automotive manufacturing sectors
 - **Equipment Handled:** Production Machineries and Utility Equipments of Textile, Automotive ,Assembly & Injection Mouldings
- **Spearheaded managing Facility Management Operations** involving environment & security, safety, procurement, vendor management & compliances of end-to-end facility solutions.
- Exhibited excellence in leading **process improvement, lean manufacturing, cost reduction projects and implementing quality systems** for enhancing production efficiency; enhanced the efficiency of workforce by focusing on technical aspects.
- **Supported improvement initiatives, utilizing various tools** including participation in Visual Daily Management, Machining, Problem Solving and Kaizen events in Production as well as own area aimed to ensure quality, safety, productivity, on time delivery and supporting internal customers.
- **Highly skilled in managing site operations (Utilities and Facilities), quality service and timely completion of projects along with various plants;** expertise in implementing cost saving techniques and modifications to achieve reduction in all types of O&M expenditures.
- Played a pivotal role in establishing Brownfield Project for Facility and Manufacturing towards automotive safety systems such as **Airbag – Cushions by managing / handling a cash flow of 6.2 MUSD (~ 400 MINR)**
- Managed and reviewed the design phase of project including Technology Selection, Manufacturing Process Establishment, Industrial Engineering Systems for Cushions manufacturing plant. **Excellence in streamlining operations & maintenance, commissioning,** and developing & implementing new systems within the plant.
- Expertise in maintenance schedule planning, budgets formulation, annual planning, troubleshooting, manpower planning and risk assessment analysis. **Track record of significant improvements** in learning processes, productivity, quality and efficiency while reducing costs & maintaining a positive work environment.
- Highly skilled in planning and effectuating preventive, predictive & breakdown maintenance schedules of various equipment/ to increase machine uptime and equipment reliability.
- **Project Management Specialist:** Leading Facility Projects by administering functions including SOW Preparation, Site Executing, Project Scoping, Planning (Estimation, Scheduling & Milestones), Record Maintenance in agreed budgets & timelines in Fire Protection, Civil, Structural, Plumbing & Electrical systems.



CORE COMPETENCIES

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| Facility Management & Operations / Project Planning & Management | Audits & Compliances / Testing & Inspections / Commissioning | Maintenance & Operations / Regulatory & Compliances |
| Maintenance Tools & Operations / Safety & Environment | TPM Implementation/ Kaizen/5S/OEE / Team Development | Multi Skilled Professional– Electrical, Mechanical, Civil, Plumbing |
| Manufacturing Excellence / Quality Assurance & Control | Lean Six Sigma / IATF- TS 16949/ EHS Compliance/OHSAS | Strategy Development / Employee development & Engagement |



SOFT SKILLS

- Analytical & Problem-solving
- High Business Ethics
- Communication & Collaboration
- Leadership & Delegation
- Decision-making & Visionary



EDUCATION & CREDENTIALS

- ❖ **2004:** B.E. Evening, Electrical & Electronics
- ❖ **1995:** Diploma, Electrical
- ❖ Six Sigma Green belt certified
- ❖ ISO/TS 16949 Internal Auditor
- ❖ OHSAS 18001 Internal Auditor
- ❖ Started Pursuing Online PGDBM & PGDIS course



CAREER TIMELINE

Oct'95-Dec'98 in BPL Automation Ltd, Bangalore as Sr.Technical Assistant

Feb'03-Aug'04 in TAFE (EPD) Ltd., Doddaballapur as Jr. Engineer

Jun'10-May'12 in MHB Filter India Pvt. Ltd., Tumkur as Deputy Manager

Jan'99-Aug'00 in Triton Valves Ltd., Mysore as Supervisor

Aug'04-Feb'10 in LM Glasfiber India Pvt. Ltd., Bengaluru as Assistant Manager

Jun'12-Till Date in Autoliv India Pvt Ltd, Mysore as AGM



WORK EXPERIENCE

Jun'12 – Till Date: Autoliv India Pvt. Ltd., Mysore

Growth Path:



Responsibilities:

- ❖ Leading all manufacturing engineering operations, including scheduling and carrying out production, enhancing productivity, meeting launch production targets along with overseeing facility project management and maintenance.
- ❖ Overseeing the development and enhancement of the cushion manufacturing process, which involves laser cutting and sewing.
- ❖ Promoting industrial engineering activities to improve Poka-Yoke and traceability systems while steering the manufacturing process of cushions (cut and sew) and webbing (weave and dye).
- ❖ Working on Digitalization & Automations drive in entire plant towards Industry 4.0; Managing Factory Automation (Digital Factory)
- ❖ Introducing, implementing & managing maintenance programs for Plant Machineries, Utilities & Facilities
- ❖ Directing E2E projects toward the construction of new lines of business, improvements to the infrastructure & CSR-related initiatives
- ❖ Achieving **saving through cost saving measures** like selecting equipment of low power consumption with high performance techniques, ensured completion in minimum turnaround time with effective resource utilization to maximize output while adhering to set compliances.
- ❖ Coordinating with plant & external agency for predictive, routine maintenance, preventive maintenance and shutdown maintenance in a planned manner & prioritization
- ❖ Driving the improvements towards WASTE Elimination and TPM elements of Autoliv Production System
- ❖ Contributing to the creation & implementation of best practice production engineering; planning vision, strategy, policies, processes and procedures to aid and improve operational performance.
- ❖ Utilizing lean techniques and value engineering to optimize current processes and eliminate waste, promoting continuous improvement initiatives in quality, cycle times, process optimization, and machine availability.
- ❖ Evaluating Capacity bottlenecks & proposed solutions; took new initiatives in order to enhance process and increasing profitability.
- ❖ Leading a team of ~60 members including utilities operations

Highlights:

- *Successfully led the plant's digitalization projects as a champion and drove automations.*
- *Developed the production line space of 135 SQM with re-laying and reducing the unutilized space.*
- *Contributed effectively to the MUDA Elimination & JIT Systems leading to "APS Platinum Level" achievement.*
- *Completed the New Cushion Product Family of Side Airbag in the plant with little assistance from international specialists.*
- *Implemented global product traceability systems in all lines with 100% compliance level*
- *Created the facility for Cushions manufacturing and started the production SOP as Project In-Charge and PED leader; started with Driver & Passenger Airbag Cushion lines. o Installed the new Laser Machine without any issues in the COVID conditions with strategic well planning & teamwork*
- *Started and signed a solar power purchase agreement (PPA), which resulted in a 30% reduction in electricity and energy costs.*
- *Applied 5S in maintenance areas and TPM (Autonomous Maintenance) in all direct and indirect areas.*
- *Played a major role in the localization of HDPE sheets by reducing the risk associated with the COVID-19 supply constraints, which led to an 8% cost savings.*
- *Drove plant target condition workshop with a CFT approach & created roadmap for plant capacity enhancement of 32% within the same building area.*
- *Designed a chemical storage facility at the Autoliv benchmark level using innovative concepts to satisfy all Autoliv Standard Requirements, and Autoliv Global level acknowledged this effort.*
- *Led the team as MR and received OHSAS18001 certification to the plant in 2014 and ISO14001 certification in 2013*
- *Developed a new idea of providing comfort air supply to cushions operating team & for UPS storage facility with a savings of 20 MINR*
- *Installed the operational performance database tool L2L (Leading2lean) in the plant.*

Equipments/Machineries/Facilities Exposure:

- Fabric Laser Cutting Machines, Sewing Machines, Stamping Machines, Weaving looms, Dyeing Process machines, Inspection Machines, Blocking Machines, Metal Detection systems, Packing Machines & Product Testing Lab Equipments.
- EOT Cranes, Dust extraction vacuum systems, Chillers, HVAC, LPG system, Hot Water Generators, Air Compressors, Diesel Generators, 11KV/415V substation, MHEs, UPS system, Water Treatment Plants (Softener, ETP, STP, RO & MVR/ZLD), Fire Detection & Protection System (Hydrants/Sprinklers/Gas Suppression/Extinguishers), Public Address System and Building Facilities

Jun'10 – May'12 | Deputy Manager – Plant Maintenance | MHB Filter India Pvt Ltd, Tumkur

Highlights:

- Oversaw the uptime of production machines & spares management while serving as an ISO 14001 Management Representative.
- Installed a new PU dispensing machine and successfully improved the functionality of the LPG-fired curing ovens, filter assembly stations, seaming machines, hot plastic welding machines, and Wet & Dry leak testing Equipments.
- Increased the productivity and dependability of the machinery, made sure that it was always available, balanced production and maintenance, performed root cause analysis on malfunctions, and implemented preventative corrective actions.

Aug'04 – Feb'10 | Assistant Manager – Maintenance | LM Glasfiber India Pvt. Ltd., Bengaluru

Highlights:

- Administered functions including Inventory Management, Budget Control & Maintenance of Remote Operated, PLC Controlled Machines viz Semi-Automatic Glass Wagons, Paternosters, Semi-Automatic Turning Device & Vacuum Infusion Machines, imported from Denmark.
- Successfully managed the most sophisticated machine Semi-Automatic Glass Wagon from day one of installation which is remotely operated, PLC controlled and provided with programmable scanners.
- Completed training on production equipment in LM Glasfiber, Denmark and received 5S award consistently every month Played a pivotal role in achieving dust level below norms in our plant through CFT; Led energy conservation project & achieved results.
- Leading the Maintenance and Projects of the plant with facilities of DG sets, Dust Extraction System, Blade turning/moving wagons, MHEs, Pneumatic Tools and Air Compressors

PREVIOUS EXPERIENCE

Feb'03 – Aug'04: Tractors & Farm Equipment Limited (EPD) Ltd., Doddaballapur as Jr. Engineer – Maintenance

Highlights:

- Heading the shift independently with a team of 3 members and responsible for the maintenance & trouble shooting of World class Plastic Injection Molding Machines
- Playing a key role in implementing the TPM activities, maintaining the records in line with the TS16949 standards and facing the internal quality audits
- Handling the maintenance & troubleshooting of: JSW-Japan make, 110 ton to 910 ton, KraussMaffei-Germany make, 500 ton to 1300 ton, TEIN-FA, Taiwan make, 500ton, DGP-Windsor make, 40 ton to 800 ton (Toggle and Screw Clamp Mechanism)
- Stand-by Power Plant (1.25 MVA x 2 Gensets with Synchronization), 11 kV Substations with HT & LT Circuit Breakers
- Part Picking Robots from Suhling Technik from Germany & Star Seike from Japan
- Centralized Plastic Pellets Transfer & Feeding System (Colortronic from Germany).
- Maintenance of EOT Cranes, Conventional Milling/Turning Machines and CNC Machining/Cutting machines

Aug'00 – Feb'03: Educational Gap (Managed with Teaching Field)

Jan'99 – Aug'00: Triton Valves Ltd., Mysore as Supervisor – Maintenance

Highlights:

- Led maintenance of 1 X 750 KVA & 1 X 500 KVA DG Sets, Hydraulic Presses, Multi Spindle Lathe Machines, Rotating Index Table Machines, Rubber Molding & Buffing machines, Annealing Ovens, Centrifugal Machines, Boiler, Valve Assembly Machines and Air Compressors.
- Successfully handled the project for the electrical design of Rubber Buffing Machine
- Worked in a team for the project of Rotating Index Table Machine Control Circuit Design

Oct'95- Dec'98: BPL Automation Ltd., Bengaluru as Sr. Technical Assistant – Maintenance

Highlights:

- Handled maintenance of 11 KV Substations with 500 KVA HT Transformers with 1000A ACB, 750KVA x 2, 500 KVA x 2 DG Sets with Protective Relays & ACBs, 90CFM Screw Type Air Compressor, Plastic Injection Molding Machines of (Supermaster and Mitsubishi make of tonnage from 50 ton to 1300 ton) with accessories viz., Crushing Machines, Chillers, Hot & Cold-Water Circulators, Mold

Heaters, Belt Conveyors, Hopper Loaders, Material Feeding system, Robotic Painting booth, Conventional Machines, CNC Machines, Sand Blast Equipment and EOT Cranes.



PERSONAL DETAILS

Date of Birth: 7th September 1976 | **Languages Known:** English, Kannada & Hindi. Partially Tamil

