



Krishnan Muralidhar

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Summary

Results-driven professional with 8.5+ years of experience spearheading supplier product development and quality assurance programs in the metro rail industry. Established track record in leading cross-functional, cross-geographic teams, driving high-value tender submissions, and delivering continuous improvement initiatives that translate into measurable business outcomes.

Professional Experience

Project SQ Engineer, Interiors and Continuous Improvement | Alstom | Bengaluru

- Spearheaded the First Article Inspection (FAI) for Railway Interior Scopes (Handrails, Glazing, Interior Panels, Passenger Seats, Driver Seats) – Achieved 92% (FY '22-23), 95%, (FY '23-24), 91% (FY '24-25) vs Target 90% (Indian Customers: CMRL, DMRC, PITCMRL. Overseas Customers: Sao Paulo Line 6, Perth EMU, Iarnrod Irish Rail, Santiago Line 7).
- Deployed a quality action plan at critical interior suppliers for ML3 project to reduce incoming defects by 20%.
- Managed SQ (Supplier Quality) Project Co-ordination: Liaison and cross-functional co-ordination between suppliers in China and Germany; Engineering team in Bangalore and Production sites in Poland, Australia and Brazil.
- Led Greenfield interior supplier industrialization projects for special processes (Adhesive Bonding, Welding, Painting) amounting to yearly turnovers of INR 30 Cr to ensure on time ramp-up readiness for interior projects localization & Transfer of Technology (ToT) projects.
- Executed 100% Customer FAI's on Time by aligning Project, Customer, Supplier and Alstom CFT through rigorous project milestone reviews and planning for DMRC & CMRL project. Cash milestone from customer secured as per contract against successful completion of these FAI's without blockers.
- Deployed systems & governance mechanisms to drive Supplier NCR reduction by 25% YoY: Practices deployed in India benchmarked globally within Alstom with recognition from Alstom leadership.
- Led and executed a Lean Six Sigma Green Belt Project: Reduced Supplier NCR Response Lead Time by 30 %. Realized Savings of INR 70 L.
- Led the yearly budgeting and forecast of Supplier Quality (SQ) department workload (with Compo teams: Interior, Bogie, Traction Development Centers) from FY '22-23 to FY '25-26. Projected resources were in-line with management requirements.
- Strategized the Three-Year lookahead for the SQ function with Alstom APAC Quality Management along with budget & headcount forecasting as a % of sales.
- Devised the roadmap towards Zero Supplier Defects with associated upstream actions in project gates and downstream actions in execution. This was presented to Alstom APAC and Global Rolling Stock & Components leadership teams.

Project SQ Engineer, E-LoCo | Alstom | Bengaluru

- Rolled out a globally benchmarked supplier risk assessment and supplier performance assessment process and developed monthly dashboards to report progress and actions.
- As part of Supplier Risk & Performance Management for Top Suppliers: Improved the percentage of Low-Risk Suppliers from 40 % to 86 % (FY '18-19 to FY '21-22) through Cross Functional Actions.
- Led Program Co-ordination for E-LoCo project Bogies & Traction Motor: 95% FAI's Delivered on Time (vs Target 90%).
- Orchestrated the weekly supplier quality project progress meeting to E-LoCo project core team and drove actions with stakeholders.
- Prepared and presented the supplier quality work package in monthly E-LoCo Sourcing work package reviews.
- Supported Alstom SQ leadership teams to establish governance structures and review mechanisms with Coimbatore, Madhepura, Kolkata sites and E-LoCo Project core team.
- Monitored the part development project reviews in lieu of engineering changes to ensure change management compliance 100% in line with train build plan.
- Led the tender submission from SQ Function for- Indian Railways Vande Bharat Sleeper and Locomotive Tenders (Combined worth INR 60,000 Cr) with 40% reduction in efforts vis-a-vis benchmark projects.
- Executed a project to reduce Supplier deviation requests by 30 % YoY, through systematic root cause analysis and actions.
- Maintained the database of YoY FAI's performed for global sites from India to facilitate the recharge to SQ function through Alstom Finance. Ensured 100% invoicing compliance against the FAI's done (400+) per FY by mapping against each FAI recorded in Alstom Quality portal.

SPQD Engineer, Bogie | Alstom | Bengaluru

- First Article Inspection (FAI) for Railway Bogie Forged, Casted & Machined Parts: Achieved 95% (vs Target 90%) & Zero Defects in first 5 pilot lots for IR E-LoCo, Rochester USA Switch Machines parts.

Education

BE, Mechanical Engineering – *PES Institute of Technology* | Bengaluru (2013 – 2017)

Accomplishments and Awards

- Vertical Head - IIMA Placement Committee for PGPM 2026-‘27
- Gold Award 2022 - Received from Alstom APAC Quality (Awarded to 5/350) - For leading Continuous Improvement Initiatives.
- Bronze Award 2021 - Received from Alstom India Quality (Awarded to 30/350) – For contribution to E-Loco Program Co-ordination & supplier risk management.
- Winner, Regional Round, Bangalore out of 500+ participants & Finalist, National Finale out of 6000+ participants in the ‘Cerebration Quiz 2022’, a pan India Corporate Business Quiz organized by The Hindu BusinessLine.
- Merit Award for securing First Rank in Mechanical Engineering, PESIT (2013-17) batch, 2017.
- Prof MRD Merit Scholarship, 2017 for being in top 10 ranks of Mechanical Engineering, PESIT (2013-17) batch.

License & Certifications

- PRINCE2 Practitioner – July 2025 to July 2028, PeopleCert
- APMP Foundation Examination – January 2024, APMG International
- International Mindset – July 2023, Alstom University
- Lean Six Sigma Green Belt – April 2023, Alstom University
- Certified Associate in Project Management (CAPM) – August 2022 (Expired), PMI
- Data and Analytics Tools – July 2022, Alstom University
- German A1 Level – June 2022, Busuu

Co/Extra-curricular

- Session Lead & Organizer, Bootstrap 2015, a skill development workshop for freshers of PES University
- Core Team Member, ‘The Amateur Scientist 2014’, a national inter-school science exhibition conducted by PES University
- Organizer, Prakalpa 2014, the inter-department exhibition of PESIT
- Quiz Organizing Team, ‘Quiriosa 2014’, the annual Science Fest of the Department of Science & Humanities, PESIT, 2014.