

Hussain Quadri Syed

Continuous Improvement Leader | Operational Excellence | Manufacturing Operations

P.Eng. | PMP® | ASQ Six Sigma Green Belt

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PROFILE SUMMARY

Continuous Improvement & Operational Excellence Leader with 8+ years of experience driving manufacturing operations, Lean transformation, and enterprise-wide process improvement across façade, architectural building products, and industrial manufacturing. Proven record of delivering \$2.5M+ in cost savings, improving productivity, reducing quality defects, and leading cross-functional operational improvement initiatives.

Recognized for a hands-on Gemba leadership style, partnering directly with Production Directors, Engineering, Quality, Scheduling, and Operations leadership to solve complex business challenges. Experienced in leading multidisciplinary teams, standardizing operations, improving KPIs, and delivering sustainable operational excellence through data-driven decision-making.

PROFESSIONAL EXPERIENCE

Lead Continuous Improvement Specialist

Toro Aluminum Group | Vaughan, ON

April 2021 – Jan 2026

Led enterprise-wide Continuous Improvement initiatives across five manufacturing facilities, partnering with Production Directors and cross-functional teams spanning Production, Engineering, Quality, Scheduling, Shipping, and Site Operations (30+ stakeholders) to improve safety, quality, delivery, cost, and productivity.

- **\$1.6M Saved:** Reduced non-recoverable site costs from ~\$2M/year to ~\$400K by implementing standardized end-of-line inspection SOPs, redefining QC ownership, and eliminating dispatch-stage defects — analysis across 40+ sites identified 60% of NCRs originated upstream.
- **\$900K Saved (75% Reduction):** Reduced glass reorder costs from \$1.2M to \$300K by implementing a centralized tracking system with ownership accountability, approval workflows, ETA visibility, and mandatory verification processes eliminating duplicate orders across shifts.
- **10% Efficiency Gain:** Redesigned KPI framework from unit-based tracking to floor completion and shipment metrics, aligning production output with project delivery through VSM and cross-functional coordination.
- **CNC defect control:** Determined that machining represented approximately 30-35% of total NCRs, then reduced recurring CNC defects through first-off inspection, periodic QC verification, machine calibration, and material-bowing and clamping controls.
- **Supplier glass quality:** Reduced supplier-related glass NCRs by approximately 40% after establishing a 100% incoming-inspection baseline, stratifying packaging and handling defects, and working with the supplier on corrective actions and follow-up measurement.
- **Packaging Optimization:** Eliminated transport damage by replacing low-density Styrofoam with high-density honeycomb packaging through failure mode analysis and supplier validation trials.
- **Color Quality Control:** Standardized coating inspection using X-Rite measurement systems, defining application parameters and eliminating site-level color mismatches.
- **Digital Transformation (ERP):** Led ERP gap assessment to improve material traceability, operational visibility, reporting accuracy, and workflow efficiency while serving as the primary liaison between Operations, Engineering, and ERP developers.
- **Operational Leadership:** Supported Production Leadership in balancing manpower, optimizing workflow, and improving production throughput through Gemba observations, process mapping, KPI redesign, and standardized work implementation.

Quality Assurance Auditor

Toro Aluminum Group | Vaughan, ON

May 2020 – April 2021

- Reduced non-conforming product rates by 25% through structured audit programs and corrective action implementation.
- Standardized inspection criteria across production lines, improving consistency and first-pass yield.
- Implemented quality reporting systems enhancing traceability and NCR resolution efficiency.
- Conducted training sessions on ISO 9001:2015, defect prevention, and 5S workplace standards.

- Assisted in development of process improvement strategies, contributing to a 10% reduction in production downtime.

Process Improvement Coordinator

TRQSS Inc. | Windsor, ON

September 2019 – April 2020

- Led process optimization project reducing assembly lead time using VSM, MODAPTS, 5S, and RCA methodologies for seat belt assembly manufacturing.
- Conducted time studies identifying non-value-added activities and implemented workflow improvements.
- Applied Yamazumi, 5 Whys, and Fishbone diagram techniques to resolve root causes of built-up inventory.

Quality Control Specialist(Student)

Shur-Lok Products | Windsor, ON

June 2018 – May 2019

- Developed SOPs for manufacturing and inspection processes related to truck chassis production.
- Strengthened raw material inspection protocols, reducing supplier-related defects.
- Defined quality criteria and established inspection standards across production lines.

Process Specialist — Quality

Infosys (Client: Google) | Hyderabad, India

August 2016 – December 2017

- Reduced process error rates by 20% through structured training programs and process standardization across global-scale operations.
- Delivered coaching and mentorship improving team performance, skill retention, and process adherence.

EDUCATION

Master of Engineering — Mechanical Engineering (Distinction) 2018 – 2019

University of Windsor, Windsor, Canada

Bachelor of Technology — Mechanical Engineering (Distinction) 2012 – 2016

Osmania University, Hyderabad, India

CERTIFICATIONS

- Professional Engineer (P.Eng.) — Professional Engineers Ontario
- Project Management Professional (PMP®) — Project Management Institute (2025)
- Certified Six Sigma Green Belt (CSSGB) — ASQ, American Society for Quality (2023)
- ISO 9001:2015 Internal Auditor — Toro Aluminum Group
- Harvard ManageMentor — Harvard Business Publishing (Leadership, Negotiation, Time Management)

CORE SKILLS & EXPERTISE

CI & Lean Tools: Kaizen, DMAIC, VSM, 5S, PFMEA, 8D, A3, Control Plans, MODAPTS

Quality Systems: ISO 9001:2015, CAPA, NCR Management, SPC, APQP, Internal Auditing

Problem Solving: Root Cause Analysis, 5 Whys, Fishbone (Ishikawa), First-Off Inspection

Facade & Interior Systems: Curtain Wall, Window Wall, Aluminium Railings, Residential Doors, Architectural Products

Operations Leadership: Manufacturing Operations, Operational Excellence, Cross-functional Leadership, Strategic Planning, Stakeholder Management, Production Leadership, Performance Management, Continuous Improvement

Software & ERP: AutoCAD, SolidWorks, MS Project, ERP (M1/EPICOR), Advanced Excel, Visio, Power BI

VOLUNTEER EXPERIENCE

Training Specialist | Career Guidance Council

May 2015- Present

- Trained and mentored 500+ students through workshops on career development, networking, interview preparation and professional skills.