



# Hussain Quadri Syed

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

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linkedin.com/in/syed-hussain-quadri- • Canadian Citizen | Open to Relocation — KSA

**\$2.5M+**

Cost Savings

**20%**

Efficiency Gain

**30%**

Defect Reduction

**40%**

Supplier NCR Cut

## PROFILE SUMMARY

P.Eng. and PMP®-certified Continuous Improvement & Operational Excellence Leader with 8+ years of experience in facade manufacturing and building envelope systems (curtain walls, window walls, aluminium railings). Specialized in eliminating system-level inefficiencies, driving measurable cost savings, and implementing sustainable quality frameworks. Known for a hands-on Gemba approach, cross-functional leadership, and the ability to bridge design, production, and site execution. Actively targeting KSA mega-projects aligned with Vision 2030 — NEOM, Red Sea Global, New Murabba, and Jeddah Central.

## PROFESSIONAL EXPERIENCE

**Lead Continuous Improvement Specialist** | Toro Aluminum Group | Vaughan, Canada Apr 2021 – Present

Led enterprise-wide CI initiatives across production, quality, engineering, and site operations for a facade manufacturing company producing curtain walls, window walls, and aluminum railings.

### Key Achievements

- **\$1.6M Saved:** Reduced non-recoverable site costs from ~\$2M/year to ~\$400K by standardizing end-of-line inspection SOPs and establishing clear QC ownership before shipment — analysis of 40+ sites revealed 60% of NCRs originated at dispatch, not installation
- **\$900K Saved:** Reduced glass reorder costs by 75% (\$1.2M → \$300K) by implementing a centralized tracking system with defined ownership, approval workflow, ETA visibility, and a mandatory search-before-reorder rule eliminating duplicate orders across shifts
- **20% Efficiency:** Improved production efficiency by ~20% by redesigning KPI framework from units-produced to floors-completed-and-shipped, eliminating the disconnect between activity and project delivery through VSM and cross-functional alignment
- **30% Defect Cut:** Reduced manufacturing defects by 30% through pre-production audit system, structured 8D/RCA corrective actions (5 Whys + Fishbone), and a site-to-production feedback loop closing recurring NCRs
- **40% Supplier NCR:** Reduced supplier non-conforming materials by 40% by introducing vendor accountability scorecards, performance-based evaluations, and enhanced incoming inspection programs
- **Packaging:** Eliminated transport damage by replacing low-density Styrofoam spacers with high-density honeycomb cardboard after failure mode analysis and coordinated supplier trials, significantly reducing glass breakage and frame scratches in transit
- **Color QC:** Standardized color quality control using X-Rite measurement device, defined spray distance/sample size/drying time protocols, and established vendor performance tracking — eliminating visible color mismatch complaints at site
- **CNC Milling:** Reduced CNC milling defects on FOM machine by introducing first-off inspection process and periodic QC checks every 2 hours, correcting inconsistent clamping and bowing issues causing dimensional inaccuracies
- **Logistics:** Negotiated trailer rental contracts that were 60% more cost-effective after identifying that short-term contracts were incurring long-term costs during accelerated production periods
- **ERP:** Led ERP gap assessment resulting in upgraded platform that reduced reporting time by 20% and improved material tracking across production cells; acted as liaison between production teams and ERP developers

**Quality Assurance Auditor** | Toro Aluminum Group | Vaughan, Canada *May 2020 – Apr 2021*  
*Performed internal audits and led quality improvement initiatives across facade production, ensuring ISO 9001:2015 compliance and driving systemic defect reduction.*

- Reduced non-conforming product rates by 25%, improving customer satisfaction and minimizing rework costs through structured audit and corrective action programs
- Standardized quality inspection criteria across production lines, reducing variability in defect detection and improving first-pass yield
- Implemented quality reporting framework enhancing traceability, NCR documentation accuracy, and issue resolution speed
- Conducted training sessions for production teams on ISO 9001:2015 compliance, defect prevention, and 5S workplace standards

**Process Improvement Coordinator** | TRQSS Inc. | Windsor, Canada *Sep 2019 – Apr 2020*

- Led process improvement project to reduce lead time in seat belt assembly using VSM, MODAPTS, 5S, 5 Whys, and Fishbone analysis
- Collected time study data to identify non-value-adding processes; developed process flow charts and waste elimination recommendations

**Quality Control Specialist** | Shur-Lok Products | Windsor, Canada *Jun 2018 – May 2019*

- Created SOPs for manufacturing and inspection processes; implemented stricter raw material inspection reducing supplier-related defects

**Process Specialist — Quality** | Infosys (Client: Google) | Hyderabad, India *Aug 2016 – Dec 2017*

- Reduced process error rate by 20% through improved training programs and process standardization across global-scale operations
- Conducted training for new and existing employees; provided targeted coaching that improved skill retention and process accuracy

## EDUCATION

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**Master of Engineering — Mechanical Engineering (Distinction)** *2018 – 2019*  
University of Windsor, Canada

**Bachelor of Technology — Mechanical Engineering (Distinction)** *2012 – 2016*  
Osmania University, Hyderabad, India

## CERTIFICATIONS

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- **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

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|----------------------------|---|
| <b>CI &amp; Lean Tools</b> | Kaizen, DMAIC, VSM, 5S, PFMEA, 8D, A3, Control Plans, MODAPTS                           |
| <b>Quality Systems</b>     | ISO 9001:2015, CAPA, NCR Management, SPC, Internal Auditing, APQP                       |
| <b>Problem Solving</b>     | Root Cause Analysis, 5 Whys, Fishbone (Ishikawa), First-Off Inspection                  |
| <b>Facade Systems</b>      | Curtain Wall, Window Wall, Aluminum Railings, Residential Doors                         |
| <b>Project Mgmt</b>        | PMP®, Cross-functional Leadership, Stakeholder Alignment, KPI Design                    |
| <b>Software &amp; ERP</b>  | AutoCAD, SolidWorks, MS Project, Primavera P6, ERP (M1/EPICOR), Excel (Advanced), Visio |