

# YASH PATEL

QUALITY TECHNICIAN - Quality Control, Inspection & Process Improvement

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📍 Ontario

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## SKILLS

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- **Quality Inspection:** Incoming inspection, dimensional measurement, calipers, micrometers and gauges.
- **Metrology Tools:** CMM operation, gauge calibration, GD&T interpretation, tolerance verification methods.
- **Quality Systems:** NCR documentation, deviation reporting, corrective actions, ISO procedures, traceability.
- **Statistical Quality:** SPC charts, process capability studies, Minitab analysis, defect tracking methods.
- **Manufacturing Quality:** In-process inspection, final inspection, defect identification, compliance checks.
- **Engineering Tools:** AutoCAD, CATIA, SolidWorks, Fusion 360, 3D models, assemblies, drawing verification.

## WORK EXPERIENCE

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### QA Receiver

September 2025 – Present

*Radwell International*

*Ontario*

- Led incoming inspections on 500+ industrial components monthly verifying specifications via calipers and micrometers ensuring 98% compliance with ISO standards and customer traceability requirements.
- Documented 150 non-conforming items quarterly initiating 75 NCRs and supplier corrective actions via ERP systems reducing defect rates by 25% and enhancing inventory segregation protocols.
- Validated 1000+ part and serial numbers daily in ERP databases cross-referencing manufacturer specs maintaining 99.5% traceability accuracy and supporting database record creation for unlisted parts.
- Deployed precision gauges and 5S methodologies in quality systems researching 200 new parts monthly via specs review achieving 30% faster cataloging and continuous improvement in inspection workflows.

### Production Associate

March 2024 – August 2025

*Vista Print*

*Ontario*

- Operated printing and finishing presses processing 2000 orders weekly conducting in-process checks ensuring 97% adherence to color consistency and dimensional specifications in production runs.
- Executed final quality verifications on 1500 units daily using spectrophotometers and gauges identifying defects reducing rework by 22% through standardized defect resolution protocols.
- Managed order workflows scanning sorting packaging 2500 items per shift applying labeling systems achieving 98% on-time shipments and optimizing throughput in fulfillment pipelines.
- Coordinated with quality teams resolving 100 defects monthly via root cause analysis implementing SWI adjustments cutting cycle times by 18% and streamlining production efficiency metrics.

### Quality Technician

August 2022 – July 2023

*Somnath Paper Mills*

*India*

- Conducted in-process inspections on 3000 paper rolls weekly applying standardized testing methods verifying compliance achieving 96% conformance to customer dimensional and quality benchmarks.
- Monitored GSM on 500 samples daily using cutter and digital balance ensuring basis weight specs within 2% tolerance supporting process controls and reducing variation by 20% across batches.
- Performed thickness tests on 400 reels daily with digital micrometer under 50kPa pressure confirming 0.05mm consistency initiating adjustments that cut deviations by 15% in production lines.
- Measured moisture via oven drying and IR analyzer on 250 samples daily executing UTM tensile tests under CRE principle documenting results slashing defects by 28% through corrective protocols.

### Field Service Engineer

December 2021 – May 2022

*Atlas Copco India Ltd*

*India*

- Diagnosed mechanical faults on 50 compressors monthly using diagnostic tools executing repairs restoring 95% operational efficiency and minimizing unplanned outages in industrial setups.
- Implemented preventive maintenance on 40 units quarterly applying lubrication and alignment protocols reducing downtime by 35% and boosting mean time between failures by 25%.
- Trained 120 operators across 15 sites on compressor controls safety interlocks and calibration ensuring 100% procedural compliance and 20% faster fault resolution post-training sessions.
- Collaborated with cross-functional teams on 30 service calls streamlining workflows via fault logging in CMMS achieving 92% first-time fix rates and elevating equipment reliability metrics by 18%.

## EDUCATION

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**Master of Engineering in Mechanical Engineering (Automotive Option)** September 2023 - December 2024

*University of Windsor, Windsor, Ontario*

**Bachelor of Technology in Mechanical Engineering**

July 2017 - June 2021

*Malwa Institute of Technology, RGPV University, India*