

Gabriel Ortiz

Supplier Quality Engineer

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SUMMARY

Supplier quality engineer with 5 years in automotive manufacturing, managing quality for 45 metal and plastic suppliers that feed 2 assembly lines. Runs PPAP and APQP for new parts, reviews supplier processes and control plans on site, and drives 8D corrective action until defects stop reaching the line.

EXPERIENCE

Supplier Quality Engineer 01/2023 - Present

Upstate Drivetrain Systems Greenville, SC

Assembler of axles and driveshafts for light truck and SUV programs.

- Manage supplier quality for 45 metal and plastic suppliers, lowering incoming defects from 410 to **120** PPM in 2 years.
- Approve PPAP packages for 90 new parts a year after reviewing each PFMEA, control plan and MSA study.
- Assess 15 supplier sites a year against APQP and process requirements, closing 85% of findings within 60 days.
- Lead 8D root cause analysis with suppliers on line-stopping defects, recovering \$310K in quality costs in 2025.

Quality Engineer 06/2021 - 12/2022

Reedy River Plastics Spartanburg, SC

Injection molder of interior and under-hood parts for automotive assembly plants.

- Built SPC charts for **12** injection molding cells, flagging drift before parts went out of tolerance.
- Checked GD&T callouts on 200 incoming part drawings and resolved 18 tolerance stack issues with design.
- Contained 9 customer complaints within 24 hours, sorting 40,000 parts across 2 warehouses.
- Wrote 20 control plans for new tools, each signed off by the customer at PPAP.

SKILLS

- Supplier Quality
- PPAP
- APQP
- SPC
- MSA
- Control Plans
- PFMEA
- 8D
- GD&T
- Root Cause Analysis

EDUCATION

Bachelor of Science

Clemson University
Mechanical Engineering
Clemson, SC
05/2021

CERTIFICATES

Certified Supplier Quality Professional (CSQP)

ASQ
2025