

# Quality Assurance Alignment One-Sheet

## Company-Level Alignment

Responsible growth	Breakthrough product performance	Operational Excellence & team development	Reduce process cycle time for P1 cross functional workflows by 10% from ___ to ___
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## Localized Objectives and/or Key Results (if any)

### PROACTIVE QUALITY EXCELLENCE

Build quality validation processes that prevent issues rather than catch them, enabling faster releases with higher confidence

#### Key Results:

- 1. Reduce critical defects found in customer field by 70% (from 15 to 4.5 per 1000 units)
- 2. Decrease average time from development handoff to quality sign-off by 40% (from 21 to 12.6 days)
- 3. Achieve 95% automation coverage for regression testing suite

## Team MAMs

- 1. Maintain zero safety-critical failures reaching customer delivery
- 2. Complete all regulatory compliance testing within mandated timelines
- 3. Keep quality gate approval cycle time under 15 days for all product releases
- 4. Maintain team certification currency (100% of team current on required certifications)

## Major Initiatives with Success Criteria

**Quality Automation Platform Implementation**  
*90% of regression tests automated, 50% reduction in manual testing hours, zero increase in escaped defects*

**Supplier Quality Partnership Program**  
*3 key suppliers onboarded to shared quality standards, 30% reduction in supplier-related defects*

**Voice of Customer Quality Integration**  
*Direct customer quality feedback integrated into testing protocols, measurable improvement in customer satisfaction scores*

**QA Skills Development & Knowledge Management Program**  
*100% of QA team members complete cross-training in at least 2 testing domains beyond their primary expertise; establish documented knowledge base with 95% of critical QA processes captured;*

## Experiments + Learning Objectives

**Predictive Quality Analytics Pilot**  
*Determine if AI-powered defect prediction can reduce testing cycles by 25% while maintaining quality standards*

**Cross-Functional Embedded QA Model**  
*Test whether embedding QA engineers in development teams improves quality upstream vs. traditional handoff model*

**Customer-Driven Quality Metrics Dashboard**  
*Validate if real-time customer quality feedback loops improve our internal quality predictions*