

■ AI QUALITY COPILOT - RCA REPORT

GLASS-FRACTURE

| | |
|---------------|------------|
| AI Confidence | 0.0% |
| Detected | |
| Risk Level | CRITICAL |
| Est. Cost | \$10-30K |
| Est. Downtime | 6-12 hours |

ROOT CAUSES

- Excessive mechanical impact during handling
- Thermal shock between washing and filling
- Improper annealing of glass containers

ACTION PLAN

- IMMEDIATE: STOP LINE for current batch and quarantine all containers from this pallet
- SHORT-TERM: Inspect conveyors and handling equipment, remove all damaged containers
- LONG-TERM: Update packaging spec and add inline crack-detection vision

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