

RED RABBIT TEST – EXAMPLE AUTOMOTIVE

Complete example for automotive supplier (brake components)

TEST INFORMATION

Test ID: RRT-AUTO-2026-001
Date: 01/18/2026
Test Area: Brake Disc Final Assembly
Test Lead: Dr. Thomas Weber
Result: 88% Detection Rate (7/8)

PLANTED FAILURES (RED RABBITS)

ID	Description	Area	Type	Expected Detection	Crit.
AU-001	Diameter 2mm over tolerance	Turning	Measurement	100% Inspection	H
AU-002	Surface roughness Ra 3.5 instead of Ra 1.6	Grinding	Measurement	Roughness Test	H
AU-003	Missing balance mark	Balancing	Visual	Final Inspection	M
AU-004	Wrong part number label	Labeling	Visual	Scanner Check	H

DETECTION RESULTS

ID	Detected?	Escaped?	Detection Point	Detector	Comment
AU-001	Yes	No	100% Inspection	Measuring Room	Automatic measurement detected
AU-002	Yes	No	Roughness Test	QC Lab	Sample test captured
AU-003	Yes	No	Final Inspection	Operator M.	Visual inspection OK
AU-004	Yes	No	Scanner Check	Automatic	Scanner detected error

ESCAPE ANALYSIS

ID	Why Escaped?	Process Gap	5M Category	Immediate Action
AU-006	Only sampling instead of 100%	Coating inspection not standardized	Method	Implement 100% visual control

NOTE: This example is based on fictional data and is for educational purposes only. Any resemblance to actual companies, persons, or events is purely coincidental.