

Assembly Line Defect Root Cause Analysis Document

Document No:		Date:	
Product Name/ID:		Assembly Line:	
Author(s):			

1. Defect Description

Defect Type	
Detected By	
Date/Time Detected	
Location/Station	
Defect Details	
Photos/References	

2. Initial Assessment

- Scope of Impact:
- Number of units affected:
- Production impact:
- Safety impact (if any):

3. Root Cause Analysis

Potential Cause	Investigation Details	Confirmed?

Tools & Methods Used:

- 5 Whys
- Fishbone Diagram
- Process Review

4. Corrective and Preventive Actions

Action	Owner	Due Date	Status

5. Verification & Follow-Up

- Method to verify effectiveness:
- Review Date:
- Follow-up Responsible:
- Additional Notes:

6. Sign-Off

Name	Role	Signature	Date