

Mechanical Component Failure Analysis Report

1. General Information

Component Name

Part Number

Location/Assembly

Date of Failure

Reported By

Analyzed By

2. Failure Description

Failure Mode

Visual Appearance

Service Conditions (load, speed, temperature, environment, etc.)

3. Background

Component Function

Operating History

Maintenance History

4. Evidence Collected

Physical Samples

Photographs / Images

Test Results

5. Analysis

Inspection and Observations

Material Analysis

Root Cause Determination

6. Conclusions

Summary of Findings

7. Recommendations

Corrective Actions

Preventive Actions

8. Appendices

Additional Notes

Reference Documents

Signatures

Name	Position	Date	Signature