Failure, symptom and evidence log

Separate observations from hypotheses and preserve a verifiable timeline.

Audience: Technicians, supervisors and engineers investigating failures.

INSTRUCTIONS

1. Assign an event ID and record time with time zone, equipment, mold and operating condition.

2. Describe what happened, where and when. Transcribe alarms exactly and identify the source; retain original files.

3. Keep hypotheses separate. For each authorized check, record method, result and evidence.

4. Distinguish temporary containment, confirmed cause and closure. If evidence is missing, state pending validation.

LIMITS

Does not diagnose automatically or authorize tests. Protect personal and confidential information before sharing evidence.

ORIGINAL EXAMPLE

FICTIONAL: EVT-DEMO-02, 09:15 UTC; interrupted ejection and an alarm recorded as AL-DEMO. Cause unknown. Hypothesis: mechanical interference, unconfirmed. Evidence: photograph and alarm log. A time correlation is not declared a root cause.

RECORD FORM

Complete one copy per record. Attach sheets if more space is needed. Avoid ambiguous blanks: state unavailable or not applicable.

Event ID / date / time zone / author
Mold / revision / component / cavity
Observed symptom / onset / sequence
Known conditions / unavailable data
Exact alarm / file / source
Evidence / location / date / custodian
Hypothesis / authorized test / result
Temporary containment / restrictions / owner
Confirmed or pending cause / evidence / closure

SOURCES AND USE

General guidance and original VYRCO form. Sources support the context; they do not certify this template.

OSHA · Horizontal Injection Molding Machines

Hazards and hazardous energy control. US reference, not a declaration of local compliance.

https://www.osha.gov/etools/machine-guarding/plastics-machinery/horizontal-injection-molding-machines

BASF · Injection Molding Troubleshooter

Defect terminology and initial guidance; consult grade- and application-specific information.

https://plastics-rubber.basf.com/southamerica/en/performance_polymers/services/product_support_troubleshooting/injection_moulding_troubleshooter

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