Mold cooling circuit map and log

Link each circuit to comparable measurements and an identified reference.

Audience: Process, mold and maintenance technicians.

INSTRUCTIONS

1. Assign an ID to each circuit and record inlets, outlets and an existing authorized diagram. Do not disconnect lines to complete the map.

2. Define the comparison and its documented conditions. Identify mold, machine, fluid, process state and the source of the reference.

3. Record instrument locations and identities. Copy available flow, temperature and pressure readings with units, times and reading conditions.

4. Compare only data with sufficient context. Mark changes in circuit, measurement point, fluid or operating phase; retain original readings.

5. Link differences to observations, evidence and pending review. Tests or interventions need their specific procedure and authorization.

LIMITS

Not a connection, cleaning, pressurization or purging procedure. Defines no acceptable values and does not establish the cause of a difference by itself.

ORIGINAL EXAMPLE

FICTIONAL: circuit DEMO-C2, diagram revision B. Record A: 5.0 L/min; record B: 4.6 L/min. Both identify instrument F2, but B was taken during startup and A during documented production. The comparison is marked conditional; no blockage is declared and no cleaning is prescribed.

RECORD FORM

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

Mold / machine / date / owner
Circuit / inlet / outlet / diagram
Fluid / condition / process phase
Instrument / location / status
Flow / unit / time
Inlet / outlet temperature / time
Available pressure / location / time
Reference / differences / comparability
Evidence / review / action / owner

SOURCES AND USE

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

DME · CoolingCare

Reference for recording and comparing cooling circuit condition; equipment settings are not generalized.

https://www.dme.net/coolingcare/

DME · FloSense

Context for identifying and tracking cooling variables; no universal acceptance criteria.

https://www.dme.net/flosense/

Reviewed: 2026-10-10. Version: 1.0. Language: English.

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