3D Concrete Printing Interruption and Restart Inspection Checklist

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Project	Location	Status

Date	Completed by

Event identification

No.	Done	Check / Requirement	Result	Notes / Evidence
1	☐	Affected wall/segment and layer/elevation are positively identified.		
2	☐	Stop time, reason for interruption and proposed restart time have been recorded.		

Process status

No.	Done	Check / Requirement	Result	Notes / Evidence
3	☐	Actual downtime and material age have been checked against the qualified restart/open-time limits.		
4	☐	Material, pump, nozzle and printing-system condition are suitable for the approved restart process.		

Interface condition

No.	Done	Check / Requirement	Result	Notes / Evidence
5	☐	Exposed receiving-layer/interface condition is assessed for drying, contamination, damage or separation.		
6	☐	Required interface cleaning or preparation follows the approved restart procedure.		
7	☐	Any prescribed bonding treatment or replacement/repair action has the required technical authorization.		

Restart controls

No.	Done	Check / Requirement	Result	Notes / Evidence
8	☐	Restart print file, toolpath position and nozzle datum/height are verified before extrusion resumes.		
9	☐	Required reinforcement, embedded items and temporary stability measures remain acceptable after the stop.		

Release and evidence

No.	Done	Check / Requirement	Result	Notes / Evidence
10	☐	Restart measurements, interface photographs and corrective actions are recorded against the event.		
11	☐	Where the interruption exceeds qualified limits, the required designer/engineer technical disposition has been obtained.		
12	☐	Applicable ITP hold/witness release has been recorded before restarting the affected work.		

Comments / Follow-up

Checklist guidance

Use for one stoppage/restart event affecting a defined wall segment or layer. Record stop and restart times, location and cause in the event record. Assess the actual interruption duration and interface condition against the approved qualified restart procedure; never assume that roughening, wetting, or bonding agent alone makes a restart acceptable. Obtain the specified technical hold-point release before resumption. For the complete before/during/after inspection guidance and the other visit-specific checklists, read the Quollnet inspection guide: https://quollnet.com/article/3d-printed-concrete-inspection-checklist

Tick the box when complete. Record Not done or N/A in Result and note any follow-up.