

Concrete Curing and Protection Record

Blank project field record | Complete from current approved documents and site observations

Scope

Included: Curing/protection observation for ordinary cast-in-place concrete after placement/finishing through the project-defined closeout, including traceability if an approved product is used.

Excluded: Setting universal duration/environment limits; approving a method or product; prescribing application technique; testing concrete strength; certification; permission to strip, load or proceed.

Use and project setup

Project field: Project / contractor _____

Project field: Element / grid / curing-zone map _____

Project field: Pour / lot / placement record _____

Project field: Approved method / procedure rev _____

Project field: Product / batch / TDS rev if used _____

Project field: Start / monitoring log refs _____

Project field: Interruption / repair / NCR ref _____

Project field: Recorder / reviewer roles _____

Before inspection: Approved project curing method/procedure and concrete specification — Defines method, start trigger, duration, environmental checks and record requirements.

Before inspection: Element/zone map and placement/finish log — Connects curing area to the actual concrete lot and start event.

Before inspection: Exact approved product/TDS/submittal if used — Product compatibility and use conditions depend on current specific system.

Before inspection: Project monitoring and interruption response — Supplies actual readings, evidence intervals and corrective action path.

Before inspection: Protection and separate stripping/loading release criteria — Keeps curing observation distinct from design or contractual permission for later work.

How to use

1. Identify exact area/element, approved method, project-specific time/monitoring criteria and product evidence if applicable.
2. Record actual finishing/placement handover and observed curing start with source log.
3. Log only actual conditions and project-required measurements with time, unit, method/instrument and evidence.
4. Map interruption, exposure, damage, repair and recheck; do not infer continuity from appearance alone.
5. Close the curing record only against project criteria and keep any separate structural/contractual release with its assigned role.
6. Use the curing log for repeat entries; continue on another blank copy when needed and retain the linked original evidence.

Important: Blank field record. Use actual project method and product instructions, record observed events/measurements only, and obtain separate release where required. Curing records do not establish strength or loading permission.

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-01 Element, area and approved curing basis

What to observe	Concrete lot and mapped zone, placement/finish record, current curing procedure/revision, specified duration/monitoring basis and assigned role.
How to check	Reconcile actual area to pour map; review controlled project documents and note which conditions apply to each zone.
Acceptance basis	The actual zone and pour can be matched to the approved curing basis and required monitoring/closeout criteria. Missing method, duration or zone applicability is identified for direction; no generic curing period is assumed.
Reference to verify	Approved project curing procedure and concrete specification clauses, element/zone map, placement/finish record and assigned monitoring roles.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Element / grid / zone map	_____
Pour lot / placement ref	_____
Curing procedure / revision	_____
Duration / monitoring clause	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-02 Method and product traceability

What to observe	Actual method observed; where compound/proprietary product is used, product name, batch, current data sheet and approval/submittal.
How to check	Compare label and actual application to approved project submittal; link batch and application evidence.
Acceptance basis	Observed method and any product identity/batch are consistent with the approved submittal and exact applicable instructions, with discrepancies recorded. Suitability or compatibility is confirmed by the project evidence rather than this form.
Reference to verify	Approved curing method/product submittal, exact product data sheet and revision if used, product label/batch and actual application record.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Method observed / date	_____
Product / batch if used	_____
Current TDS / approval ref	_____
Application evidence / discrepancy	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-03 Observed curing start and initial application

What to observe	Actual finishing/placement handover, observed curing start time, initial protected condition and installer/observer.
How to check	Use contemporaneous site record; distinguish actual event from planned schedule. Attach dated observation evidence.
Acceptance basis	The recorded start event and initial condition are traceable to contemporaneous evidence and checked against the project-defined trigger/instructions. An unknown or late start is identified for assigned disposition, without a default time window.
Reference to verify	Project procedure defining the curing start trigger, applicable approved product instructions and contemporaneous placement/finish/curing-start log.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Finish / placement handover time	_____
Actual start time / date	_____
Area / initial condition	_____
Observer role / evidence ref	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-04 Continuity and project-defined duration

What to observe	Dated monitoring entries, observed coverage/condition by mapped area, project-required intervals and interruptions/inaccessible area.
How to check	Use the actual monitoring plan and dated log; map any gap and connect it to the instruction and evidence.
Acceptance basis	Dated observations cover the required zones and monitoring basis, with continuity, gaps and end evidence checked against the actual project criteria. Interruption or inaccessible areas remain identified; a planned duration is not proof of completion.
Reference to verify	Project monitoring plan and duration/condition clause, area map, dated curing log and any interruption/inaccessible-area disposition.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Monitoring times / observers	_____
Zone / condition observed	_____
Project interval / duration clause	_____
Interruption period / affected area	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-05 Environmental evidence required by project

What to observe	Actual weather/ambient/element observation and measured readings only where project requires; units, times, instrument/method and source.
How to check	Record actual readings with instrument ID and evidence; if no measurement required, state factual observation rather than estimate.
Acceptance basis	Any required reading has a recorded parameter, unit, time/location, method/instrument and evidence source, and is assessed only against the project criterion. Estimated or unavailable measurements are not presented as actual readings.
Reference to verify	Project procedure requiring the specific environmental parameter, measurement method and frequency, plus actual instrument/log/weather evidence.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Required parameter / exact clause	_____
Actual value / unit if measured	_____
Time / location / instrument	_____
Log / photo / weather source ref	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-06 Protection, disruption, repair and recheck

What to observe	Protection/access condition, interruption or exposure, damage/contamination, affected area/time, approved action and reinspection.
How to check	Walk the defined zone; map observations and link photos, instruction, repair and recheck evidence.
Acceptance basis	Protection condition, disruption and damage are recorded by affected zone/time, with corrective instruction and recheck evidence linked. Outstanding issues are carried forward; protection observations do not establish in-place strength.
Reference to verify	Project protection/access method, mapped observation/photo, written corrective instruction or repair/NCR and recheck record.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Protection / affected area	_____
Interruption / damage and time	_____
Instruction / NCR / repair ref	_____
Recheck evidence / date	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Inspection record

Project: _____ Location / room / element: _____ Lot / area: _____

CC-07 Curing closeout and separate project release

What to observe	Project-required log completion evidence, open exceptions, contractor closeout, reviewer record and any separate stripping/loading/follow-on release.
How to check	Check dated log against exact project criteria; keep contractor completion, technical review and contractual release separate.
Acceptance basis	The project-required curing logs and closure evidence have been reviewed by the assigned role, with open conditions recorded. Any separate structural/contractual release remains separately evidenced; this log cannot authorise stripping or loading.
Reference to verify	Project curing-closeout criteria and evidence register, assigned review arrangements and separate stripping/loading release documents where required.
Project criterion / actual approved document and revision	_____

Record field	Actual value / reference
Completion criterion / clause	_____
Evidence pack / log ref	_____
Open issue disposition ref	_____
Recorder / assigned reviewer roles and dates	_____
Result / status (Pass / Fail / N/A / Pending)	
Inspector name / role / date	
Evidence / photo / report reference	
Issue / disposition / recheck evidence and date	

Curing log

Use one row per actual area monitoring event. Enter the project method, criteria and required monitoring basis in the check pages first. Record actual observed conditions/readings and interruption actions, not an inferred continuous history. Continue on another copy as needed.

Project / contract: _____ Element / pour / lot: _____ Date / shift: _____

Location / area: _____ Record reference / revision: _____

Observation date / time	Element / zone / pour	Method / procedure ref	Start / event log ref	Actual condition observed	Reading / unit / method if required	Interruption / affected area ref	Action / recheck ref	Observer / evidence ref

Issues and corrective action

Project: _____ Location / room / element: _____ Inspection date: _____

Item / date	Issue and immediate action	Disposition / corrective instruction	Recheck evidence / date	Responsible role / reference

Unresolved items: identify affected area, status, person notified, instruction / NCR reference and any condition before concealment or next work.

Concrete curing and protection handover

Project: _____ Location / room / element: _____ Date: _____

Record handover status

- ☐ Record completed; evidence filed
- ☐ Action or recheck remains open
- ☐ Project / technical disposition required

This status reports curing evidence and open actions only. It does not establish in-place strength, certify compliance, release a contractual point or authorize stripping, loading or follow-on work.

Handover roles and references

Curing recorder / installer role / date _____

Assigned curing reviewer role / date _____

Separate project release role / reference if required _____

Open NCR / repair / disposition ref _____

Signatures record the named person's stated role and entry only. They do not by themselves approve design, certify compliance, release a contractual control point or authorize the next activity.

Source notes

References explain topic and record design only. They do not supply universal project acceptance values. Confirm contract documents, jurisdiction and approved product/system.

Cavoren cast-in-place concrete baseline

Role: Scope context only; not independent technical authority or project acceptance criteria.

Locator: Original proposed curing/protection topic CON-13 and closeout interface CON-15.

Source URL: <https://itp.cavoren.net/templates/concrete/>

Queensland Department of Transport and Main Roads, MRTS70 Concrete (July 2022)

Role: Topic guidance only. MRTS70 is for Queensland road/bridge infrastructure contracts (or other specified elements). Its values, timing limits, test frequencies, qualifications, H/W points, project roles and release rules are not generalized into these records.

Locator: July 2022, 17.15 (normal-class concrete curing topics), 15.11 (in-situ curing) and 14 (defects/rectification). Verify the applicable project method and adopted provisions; no duration is transferred.

Source URL: <https://www.tmr.qld.gov.au/-/media/busind/techstdpubs/Specifications-and-drawings/Specifications/2-Bridges-and-Structures/MRTS70.pdf>

Hutchies 040 Concrete Place Report (public Word report template)

Role: Contractor-specific example of report layout and handover, not universal criteria. No Hutchies text is reproduced.

Locator: Public 040 Concrete Place Report: header and closeout fields, rows 6–13 on discharge, placement, protection, curing and final records review. Contractor example only; no technical acceptance conditions are adopted.

Source URL: <https://toolbox.hutchies.com.au/uploads/040-Concrete-Place-Report.docx>