Checklist – CAC087M  
MRTS272 Shotcrete incorporating MRTS70 Concrete and MRTS71 Reinforcing Steel

Note: This checklist is a summary only of the required quality assurance documentation, Administrator approvals and key inspection points. By itself, it does not ensure that all requirements of the Technical Specification are met.

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| Contractor |  | Date |  | Contract no. |  |
| Project no. |  | Project name |  | | |
| Lot ref. |  | Lot description |  | | |

| Reference | Documentation / Inspection | Addressed | Comments / Observations |
| --- | --- | --- | --- |
| MRTS272 Clause 7 | Hold Point 1 - Construction procedures   * Mix design (five weeks) * Work Method Statement |  |  |
| MRTS70 Clause 15.1 Clause 9.2 | Hold Point 1 - Mix design   * Mix design * Test results   + Strength   + Chloride content   + Aggregates |  |  |
| MRTS272 Clause 9 | Witness Point 1 and 2 - Shotcrete trial   * Procedures * Sampling (extra if using fibres) * Visual examination of cores |  |  |
| MRTS272 Clause 9.2 | Hold Point 2 - Trial results   * NATA‑endorsed test reports |  |  |
| MRTS71 (ATS 5310) Clause 4.2 | Hold Point 1 - Supply of reinforcement   * Transport and Main Roads registration certificate |  |  |
| MRTS71 (ATS 5310) Clauses 5, 6 | Steel reinforcement   * Delivery dockets / bundle tags * Visual inspection   + surface condition   + storage   + shape / size   **Hold Points 2, 4, 6, 7, 8 Special cases**   * Splices * Electrical conductivity * Welding * Stainless |  |  |
| MRTS70 Clause 15.6.1  MRTS71 (ATS 5310) Clause 7 | Hold Point 5 (MRTS70) - Pre‑pour inspection   * Visual inspection   + reinforcement position   + cover / spacers   + no foreign material   + surface preparation |  |  |
| MRTS70 Clause 15.6 Clause 11 | Concrete delivery   * Delivery docket (approved mix) * Field sheet   + slump / spread result   + batch / arrival times   + concrete temperature   + ambient conditions * Visual inspection   + no surprises |  |  |
| MRTS70 Clause 15.6  MRTS272 Clause 14 | Placement and compaction   * Visual inspection   + concrete   + placement   + evaporation retardation   + curing   + no sagging |  |  |
| MRTS70 Clause 15 | Post‑pour Inspection   * Visual inspection   + surface finish   + dimensions |  |  |
| MRTS70 Clause 12 | Material Data Record   * Concrete strength report (NATA‑endorsed) * Concrete strength summary and comparison (cylinders vs cores) |  |  |

**Additional items for consideration**

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*Delete below section if not required*

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| Audited by: |  | |  | |  | |
| Name |  | Signature |  | Date |  |