Checklist – CAC073M
MRTS70 Concrete (insitu, normal-class) incorporating MRTS71 Reinforcing Steel

This checklist applies to concrete cast insitu and designated normal (N) class. Precast concrete can be managed using the checklists for MRTS24 (Culverts), MRTS25 (Steel Reinforced Pipes), MRTS26 (Fibre Reinforced Pipes), MRTS72 (Other Precast) or MRTS73 (Prestressed Concrete).

Concrete cast insitu and designated special (S) class can be managed by using checklist CAC072M.

|  |  |  |  |
| --- | --- | --- | --- |
| Contractor |  | Date |  |
| Contract No. |  | Project No. |  | Project Name |  |
| Lot Ref. |  | Lot Description |  |

| Reference | Documentation / Inspection | Addressed | Comments / Observations |
| --- | --- | --- | --- |
| MRTS70Clause 17.10 | **HP10 Falsework*** Drawings
* Procedure
 |  |  |
| MRTS71(ATS 5310)Clause 4.2 | HP1 Supply of Reinforcement* TMR Registration Certificate
 |  |  |
| MRTS71(ATS 5310)Clause 8 | HP5 Hot Bending of Reinforcement* Procedure
 |  |  |
| MRTS71(ATS 5310)Clause 10.7 | HP6 Welding of Reinforcement* Welding procedure specification
 |  |  |
| MRTS71(ATS 5310)Clauses 7.9, 10.7 | HP3, HP6 Fabrication of Reinforcing Cage* Cage fabricator's TMR registration certificate
* Lifting design
 |  |  |
| MRTS70Clause 17.11 | HP11 Formwork* Visual inspection
 |  |  |
| MRTS70Clause 17.6.1 | Construction Procedures* Long distance concreting
 |  |  |
| MRTS71(ATS 5310)Clauses 5, 6 | Steel Reinforcement* Delivery dockets / bundle tags
* Visual inspection
* Surface condition
* Storage
* Shape / size
 |  |  |
| MRTS70Clause 17.12MRTS71(ATS 5310)Clause 7 | HP12 (MRTS70) Pre-pour Inspection* Visual inspection
* Reinforcement position
* No foreign material
 |  |  |
| MRTS70Clause 17.6 | Concrete Delivery* Delivery docket
* Field sheet
* Batch times
* Testing (if applicable)
* Visual inspection
* No surprises
 |  |  |
| MRTS70Clause 17.12 | Placement and Compaction* Visual inspection
* Concrete
* Placement
* Compaction
* Curing
 |  |  |
| MRTS70Clause 17.17 | HP13 Removal of Formwork* 72 hours
 |  |  |
| MRTS70Clause 17.18Clause 17.12 | Post-pour Inspection* Visual inspection
* Surface finish
* Dimensions
 |  |  |
| MRTS70Clause 17.8 | Material Data Record* Production Assessment Report
* Survey
 |  |  |
| MRTS70Clause 18 | Specific Application Requirements* No-fines
* Kerb and channel
* Shotcrete
* CLSM
* Lean mix
 |  |  |

Additional items for consideration

|  |  |
| --- | --- |
|  |  |
|  |  |

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