Checklist – CAC089M
Piles for Ancillary Structures – MRTS63A (incorporating MRTS70, MRTS71, MRTS78)

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 Specifications are met.

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| Contractor |  | Date |  | Review No. |  |
| Contract No. |  | Project No. |  | Project Name |  |
| **Lot ID(s)** |  | **Pile Size(s)** |  | **Date(s)** |  |

| Reference | Documentation / Inspection | Addressed | Comments / Observations |
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| MRTS63AClause 6.2 | **HP1 - Construction Procedures (28 days)*** Preboring
* Driving / sinking liner
* Excavation of pile
* Certification of pile capacity
* Concreting
* MRTS70 (HP4)
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| MRTS70Clause 15.1 | **HP1 - Concrete Mix Design (28 days)*** Mix design
* Test results
* Chloride content
* Water retention
 |  |  |
| MRTS71(ATS 5310)Clause 4.2 | **HP1 - Reinforcing Steel Supplier*** Transport and Main Roads Registration Certificate
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| MRTS71(ATS 5310)Clauses 7.9, 10.7 | **HP3, HP6 - Fabrication of Cage*** Cage fabricator's TMR registration certificate
* Lifting design
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| MRTS63AClause 7 | **Fabrication of liner*** Registered supplier
* MRTS78 (HP1, 2, 5, 6, 7)
* Welding Procedures
* Material Test Certificates
* Butt weld preparation
* Weld maps
* Inspection
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| MRTS63AClause 7 | **HP2 - Welding Procedure Specification*** Field splice joints
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| MRTS63AClause 8 | **Sinking of Liner*** Safety
* Equipment and procedure
* Depth
* Integrity of liner
* Seal against ingress of water / material
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| MRTS63AClause 9 | **Pile Position*** Survey
 |  |  |
| MRTS63AClause 10 | **Excavation*** Safety
* Visual inspection
* Socket walls
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| MRTS63AClause 11 | **HP3 - Geotechnical Certification*** RPEQ sign-off and report
* Visual inspection (camera)
* As Constructed excavation records
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| MRTS63AClause 12 | **Reinforcing Steel*** Delivery dockets / bundle tags
* Visual inspection
* Surface condition
* Storage
* Shape / size
* Welds

**MRTS71**(**HP2**)* Mechanical bar splice installation (if applicable)

**MRTS71**(**HP4**)* Electrical conductivity (if applicable)
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| MRTS63AClause 13.1 | **HP4 - Delay after Certification****HP5 - Underwater Concreting Procedure** |  |  |
| MRTS70Clause 15.6 | **HP5 - Placement of Concrete*** Pre-pour visual inspection
* Reinforcement position
* Cover / spacers
* No foreign material
* Thermocouples (if necessary)
* Water ingress
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| MRTS70Clause 11, 15.6 | **Concrete Delivery*** Delivery docket (approved mix)
* Field sheet
* Slump / spread result
* Batch / arrival times
* Concrete temperature
* Ambient conditions
* Visual inspection
* No surprises
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| MRTS63AClause 13.4MRTS70Clause 15.6 | **Placement (Dry)*** Visual Inspection
* Concrete
* Placement (2 m drop)
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| MRTS63AClause 13.4MRTS70Clause 15.6 | **Placement (Wet)*** Visual Inspection
* Concrete
* Tremie use / control (submerged)
* Pour record
* Over-pour
 |  |  |
| MRTS63AClause 14-16 | **As Constructed Records*** Pile Integrity Testing (HP6)
* Concrete strength report (NATA‑endorsed)
* Base Height of liner and pile
* Geotechnical assessment and certification
* Tremie pour record
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| Additional Items for Consideration |
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| Audited by: |  |  |  |
| Name |  | Signature |  | Date |  |