Checklist – CAC039M
Rock Masonry/Grouted Rock Pitching (MRTS03)

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| --- | --- | --- | --- | --- | --- |
| Contractor |  | Date |  | Review No. |  |
| Contract No. |  | Project No. |  | Project Name |  |

| Reference | Requirements | Addressed | Comments/Observations |
| --- | --- | --- | --- |
| Rock Masonry |
| Cl 39.2 | Is the rock for rock masonry:* Clean, hard, durable and free from seals or other flaws?
* Less than 0.3 m³ in size?
* Greater than 0.003 m³, other than spalls for wedges?
* Not rounded on more than two sides or edges?
 |  |  |
| Cl 39.2 | Does the cement mortar for bedding:* Consist of one part by volume of Type GP cement to:
* three parts by volume of clean fine sand, with
* sufficient water to achieve a plastic-like texture?

If so:* does the mortar retain its shape (doesn't flow like a liquid)?
 |  |  |
| Cl 39.3 | Has it been ensured that rock masonry has been constructed in accordance with the drawings? |  |  |
| Rock Pitching |
| Cl 40.2 | Is rock for grouted rock pitching:* Not < 150 mm and not > 250 mm (min) (other than smaller rock for wedging)?
* Sound (doesn't disintegrate in water)?
* Match existing rock pitching, where appropriate?
 |  |  |
| Cl 40.2 | Does cement mortar for bedding:* Consist of one part by volume of Type GP cement to three parts by volume of clean fine sand with sufficient water to achieve a plastic-like texture?

If so:* Does the mortar retain its shape (doesn't flow like a liquid)?
 |  |  |
| Cl 40.2 | Does sand bedding comply with:* MRTS04 Clause 19.2.5?
 |  |  |
| Cl 40.3 | Has the grouted rock pitching been:* Constructed in locations/details shown on the Drawings?
 |  |  |
| Cl 40.3 | Where necessary:* Have excavations been carried out to permit construction?
* In accordance with MRTS04 Clause 13.3.1 (Bottom of Excavations)?
 |  |  |
| Cl 40.3 | Has Rock Pitching been placed in accordance with the drawings? |  |  |

**Additional issues for consideration**

|  |  |
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| 1 | Where Sodic, dispersible soils are encountered immediately below the rock pitching, additional measures may be required to prevent piping of the material. |

*Delete below section if not required*

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