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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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**

|  |  |
| --- | --- |
| 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*

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