Checklist – CAC022M
Concrete Kerbs, Kerb Channel, Crossing and Dykes (MRTS03)

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

| Reference | Requirements | Addressed | Comments/Observations |
| --- | --- | --- | --- |
| MRTS03Cl 20.3 & 6.1Cl 20.2 | Cast in Place* Does the concrete work comply with the requirements of Clause 6.1 (Concrete Work) in MRTS03?
* Is there compressible packing in the expansion joints?
* Is the compressible packaging bitumen impregnated fibre board or other approved packaging?
* Has the insitu material in the excavation been compacted in accordance with MRTS04?
* Has the ground surface been moistened just prior to placing concrete?
* Have expansion joints been installed at regular intervals not exceeding 20 m?
* Have contraction joints between expansion joints been installed at regular intervals not exceeding 5 m?
* Has concrete been cured for a period not less than seven days before any other roadworks operations are carried out adjacent to the kerb, channel or kerb and channel?
 |  |  |
| MRTS03Cl 21.2 & 6.6Cl 21.3 | Precast* Are precast concrete kerb blocks and channel blocks proprietary products?
* Has epoxy adhesion agent been employed, where kerb, channel and kerb and channel blocks are to be fixed to the surface of asphalt or concrete?
* Have kerb, channel and kerb and channel blocks been laid on bedding with minimum 50 mm thickness?
* Have joints (width of joints being between 7 mm and 13 mm) been finished to give smooth surfaces uniform with the surfaces of the block?
* Has it been ensured that there are no adjacent roadworks operations within 48 hours?
* Has the insitu material in the excavation been compacted in accordance with MRTS04?
 |  |  |
| MRTS03Cl 20.5 | Water testing (where longitudinal grading is less than 1%)* Has it been ensured that water is not ponding to a depth or more than 5 mm in any section of the channel?
 |  |  |
| MRTS04Cl 5.4.2 & 5.4.3Annexure MRS04.1 | Compliance testing* Have the geometric tolerances been checked at the points nominated in the specification?
* Is the compaction standard for each lot represented by the characteristic value of the RDDs?
 |  |  |

Additional issues for consideration

|  |  |
| --- | --- |
|  | Is the kerbing machine suitable for the proposed mix? |

*Delete below section if not required*

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