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| **Annexure MRTS05.1 (March 2022)** | | |
| **Unbound Pavements** | | |
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| **Specific Contract Requirements** | | |
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| **Contract Number** | |  |
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| Note: | Clause references within brackets in this Annexure refer to Clauses in the parent Technical Specification MRTS05 unless otherwise noted. | | |

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| Material compliance testing locations (Clause 9.2) | |
|  | For the following locations and/or material subtypes, material compliance testing shall be undertaken on samples taken from the pavement.  If no locations or material subtypes are given, all samples shall be taken from the stockpile. |
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| Material requirementsPavement material locations (Clauses 7.1.1, 7.2.1, 7.3.1 and 8.1) | | |
|  | The following pavement material subtypes shall be used in the locations stated. | |
| Location | | Material Subtype |
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| Design Traffic (Clause 7.2.1) | | |
| Location | | Average Daily Traffic in the Design Lane in Year of Opening –  Equivalent Standard Axles (ESA) |
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| If no indication is given for a particular location, the Administrator shall confirm the average daily traffic in the design lane in year of opening based on advice from the project's pavement designer. | | |
| Type 4 material requirementsAdditional requirements for Type 4 material (Clause 7.4) | | |
|  | The following additional requirements shall apply to Type 4 materials. | |
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| CBR moisture content for Type 4 material (Clauses 4.1.2 and 7.4) | | |
|  | The relative moisture content for reporting CBR test results for Type 4 material is given below. | |
| Material Subtype | | Relative Moisture Content |
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| If no indication is given for a particular material subtype, the CBR shall be reported at the Optimum Moisture Content (OMC). | | |

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| Material stockpiles (Clause 7.7) | |
|  | Stockpiles of pavement material shall be located as stated below.  If no indication is given, material stockpiles shall be located as stated in Clause 7.7. |
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| Construction requirementsConstruction equipmentPaving equipment – Type 2, 3 or 4 materials (Clause 8.3.1.1.3) | |
|  | For pavement constructed using Type 2, 3 and 4 materials, the following paving equipment shall be used.  If no indication is given, the paving equipment to be used shall be nominated by the Contractor in their Unbound Pavement Construction Procedure. |
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|  | The above requirements are not applicable to Type 1 (HSG) materials. |

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| Intelligent Construction Rollers (Clause 8.3.1.3) | | | | | |
|  | Intelligent Construction (IC) rollers shall be used to compact unbound pavement material | **Yes** |  | **No** |  |
|  | If no indication is given, the rollers to be used shall be nominated by the Contractor in their Unbound Pavement Construction Procedure. | | | | |

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| Where IC equipped rollers are not available locally, existing roller may need to be retrofitted with IC equipment. |

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| GeometricsVertical tolerances – Types 2, 3, and 4 materials only (Clause 8.4.4.3) | | | | | |
|  | The vertical tolerance on any layer shall be alternative | A (10/15 mm) |  | B (25 mm) |  |
|  | If no indication is given, the vertical tolerance shall be Alternative A. | | | | |

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| Deviation from a straight‑edge – Types 2, 3 and 4 materials only (Clause 8.4.5) | | | | | |
|  | The maximum deviation from a straight‑edge shall be alternative | C (5 mm) |  | D (8 mm) |  |
|  | If no indication is given, the maximum deviation from a straight-edge shall be Alternative C. | | | | |

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| Crossfall and straight‑edge tolerances applicable on layers other than the final layer (Clauses 8.4.4.4 and 8.4.5) | |
|  | In addition to the final layer of unbound pavement, the specified requirement for crossfall and deviation from a straight‑edge shall also apply to the following layers. |
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|  | If no indication is given, the requirements for crossfall and deviation from a straight‑edge shall apply to the final (uppermost) layer of unbound pavement only. |

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| Road roughness (Clause 8.4.6) | | | | |
|  | The maximum road roughness shall be (Rs) |  |  | m/km |
|  | If no indication is given, the requirement shall be 2.31. | | | |

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| Supplementary requirements (Clauses 8.4.6 and 10) | |
|  | The following supplementary requirements shall apply. |
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