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| **Annexure MRTS07B.1 (July 2024)** | | |
| **Insitu Stabilised Pavements using Cement or Cementitious Blends** | | |
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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 MRTS07B unless otherwise noted. | | |

Part A – Completed by Principal as part of brief

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| Quality system requirements (Clause 5.4)Lot sizes | | |
|  | The following maximum lot sizes shall apply to work covered by this Technical Specification. | |
| Construction Activity | | Maximum Lot Size |
| Default lot sizes are provided in Appendix A of MRTS07B. This table should only be used where it is proposed to vary these requirements on a project specific basis. | |  |

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| Testing frequenciesAdditional material for shape correction and new material to replace unsuitable material | | | | | |
|  | The following minimum testing frequencies for unbound pavement material source and product testing shall apply. | | | | |
| Property | | Test Method | Normal Testing Level | Reduced Testing Level |
| Default testing frequencies are provided in Appendix A of MRTS07B. This table should only be used where it is proposed to vary these requirements on a project specific basis. | | |  | |

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| Construction standards and geometrics | | | | | |
|  | The following minimum construction standard and geometric testing shall apply. | | | | |
| Property | | Test Method | Normal Testing Level | Reduced Testing Level |
| Default testing frequencies are provided in Appendix A of MRTS07B. This table should only be filled in where it is proposed to vary these requirements on a project specific basis. | | |  | |

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| New material to replace material not suitable for stabilisation (Clause 6.1) | |
|  | Any material required to be incorporated into the stabilised layer shall be unbound granular material that complies with the following requirements and/or standards. |
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| Additional material for shape correction (Clause 6.2) | |
|  | Any additional material required to be incorporated into the stabilised layer shall comply with the following requirements and/or standards. |
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| Removal and disposal of material not suitable for stabilisation (Clause 8.6.1) | |
|  | Notwithstanding the requirements of Clause 8.6.1, the following material shall also be removed and disposed of. |
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| Minimum requirements and minimum numbers of particular plant (Clauses 8.6.5 and 8.6.17) | | | |
|  | The following minimum requirements and minimum numbers of particular plant shall be on Site at all times during stabilisation works. | | |
| Description | | Minimum Requirement | Minimum Number of Units |
| Stabiliser | |  |  |
| Integrated spreader stabiliser | |  |  |
| Purpose-built calibrated spreader | |  |  |
| Vibrating pad foot roller | |  |  |
| Vibrating smooth drum roller | |  |  |
| Multi-tyre roller | |  |  |
| Water truck | |  |  |
| Grader | |  |  |

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| GeometricsPrimary tolerance (Clause 8.7.5.2.1) | | | | |
|  | The primary tolerance on a stabilised layer shall be as stated below. | | | |
| Alternative A  (-5 and +10 mm) | | Alternative B  (-5 and +15 mm) | Alternative C  (Thickness only) |
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| If no tolerance is given, Alternative B (-5 and +15 mm) shall apply. | | | |

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| Deviation from a straightedge (Clause 8.7.5.5.2)Application | | | | | |
|  | Deviation from a straightedge tolerance shall apply. | Yes |  | No |  |
| If no indication is given, deviation from straightedge shall apply. | | | | | |

### Deviation limits

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|  | | The maximum deviation from a straightedge on a layer shall be as stated below. | | |
| Alternative D  (5 mm) | | Alternative E  (8 mm) | Alternative F  (15 mm) |
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| If no limit is given, Alternative D (5 mm) shall apply. | | | |

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| Crossfall (Clause 8.7.5.5.3) | | | | | |
|  | A crossfall tolerance shall apply. | Yes |  | No |  |
|  | If no indication is given, crossfall tolerance shall apply. | | | | |

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| Road roughness (surface evenness) (Clause 8.7.5.5.4)Application | | | | | |
|  | A surface evenness tolerance shall apply. | Yes |  | No |  |
| If no indication is given, surface evenness tolerance shall apply. | | | | | |

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| Specified count rate | | | | |
|  | The specified road roughness value (Rs). |  |  | m/km |
|  | If no value is given, the specified road roughness value shall not exceed 1.94 m/km. | | | |

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| Ball penetration (Clause 8.7.6) | | | | | |
|  | Ball penetration test shall apply. | Yes |  | No |  |
|  | If no indication is given, ball penetration test shall apply for stabilised layers that are to be covered by a sprayed bituminous treatment. | | | | |
| Proof rolling of stabilised layers (Clause 9.8.2) | | | | | |
|  | The proof rolling test shall apply. | Yes |  | No |  |
|  | If no indication is given, the proof rolling test shall apply. | | | | |

Part B – Part B to be completed by the:

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|  |  | Principal |  | Designer under the Contract |

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| Specific treatments (Clauses 6.3, 8.1, 8.4, 8.5.1, 8.5.2, 8.5.3, 8.6.7, 8.7.2.1, 8.7.2.2, 8.7.5.2.1 and 8.7.5.3.1) | | | | | | | |
|  | The specific treatment(s) for work under this Contract shall be as stated below. Refer to Transport and Main Roads Materials Testing Manual, Part 2 – Application, *Section 3 – Testing of Materials for Insitu Cement or Cementitious Blend Stabilisation* for guidance on the mix design. | | | | | | |
| Reference location | |  |  |  |  |  | |
| Course layer | |  |  |  |  |  | |
| Design depth (mm) | |  |  |  |  |  | |
| Type of stabilising agent | |  |  |  |  |  | |
| Blend ratio (cementitious blends only) | |  |  |  |  |  | |
| Estimated stabilising agent content (%, by mass) †¹ | |  |  |  |  |  | |
| Available lime index for hydrated lime used in laboratory mix design testing ALX (%) †² | |  |  |  |  |  | |
| Specified spread rate (kg/m²) | |  |  |  |  |  | |
| Construction process †³ | |  |  |  |  |  | |
| Maximum time between spreading of the stabilising agent and mixing of stabilising agent into insitu material (minutes) †⁴ | |  |  |  |  |  | |
| Maximum allowable working time †⁵ | |  |  |  |  |  | |
| †¹ Estimated stabilising agent content shall be based on hydrated lime (where lime is nominated in the cementitious blend).  †² If no value is given, ALx shall be 90%.  †³ Product standard (Clause 8.5.3) or process requirement (Clause 8.5.2). If no indication is given, product standard  shall apply.  †⁴ If no time is given, it shall be 60 minutes.  †⁵ If no time is given, it shall be 2 hours. | | | | | | | |
| Datum (Clause 8.1) | | | | | | |
|  | The datum for the measurement of the design depth is given below. | | | | | |
|  | Refer to MRTS07B Figure 8.6.10 | | | | | |

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| Supplementary requirements (Clause 10) | |
|  | The following supplementary requirements shall apply. |
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