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| **Annexure MRTS07C.1 (July 2021)** | | |
| **Insitu Stabilised Pavements using Foamed Bitumen** | | |
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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 MRTS07C 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. | |
| Default lot sizes are provided in Appendix A of MRTS07C. 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 | Reduce Testing Level |
|  | | Default testing frequencies are provided in Appendix A of MRTS07C. 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 | Reduce Testing Level |
|  | | Default testing frequencies are provided in Appendix A of MRTS07C. This table should only be filled where it is proposed to vary these requirements on a project specific basis. |  |  |

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| New unbound granular material to replace material not suitable for stabilisation (Clause 6.1) | |
|  | Any new material required to be incorporated into the stabilised layer shall comply with the following requirements and/or standards. |
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| Additional material for shape correction (Clause 6.2) | |
|  | Any new 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 8.7.1) | |
|  | Notwithstanding the requirements of Clause 8.7.1, the following material shall also be removed and disposed of. |
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| Minimum requirements and minimum numbers of particular plant (Clauses 8.7.5 and 8.7.19) | | | |
|  | 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 |
| Reclaimer / stabiliser with foamed bitumen spray bar in mixing chamber | |  |  |
| Calibrated, integrated spreader / reclaimer / stabiliser with foamed bitumen spray bar in mixing chamber | |  |  |
| Reclaimer / stabiliser | |  |  |
| Purpose-built calibrated spreader | |  |  |
| Vibrating pad foot roller | |  |  |
| Vibrating smooth drum roller | |  |  |
| Multi-tyre roller | |  |  |
| Water truck | |  |  |
| Grader | |  |  |

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| Relative Moisture Ratio (Clause 8.8.2) | | | | |
|  | The relative moisture ratio (RMR) shall not be less than |  |  | % |
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|  | and not greater than |  |  | % |
|  | If no values are given, RMR shall not be less than 55% and not greater than 75% | | | |

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| Compaction (Clause 8.8.3) | | | | |
|  | The minimum characteristic value of relative compaction result shall be |  |  | % |
|  | If no value is given, the minimum characteristic value of the relative compaction shall be 102% (standard compaction) | | | |

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| Geometrics (Clause 8.8.4.2.1)Primary tolerance (Clause 8.8.4.2.1) 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 8.8.4.4.2)Application | | | | | |
|  | Deviation from a straightedge tolerance shall apply. | Yes |  | No |  |
|  | If no indication is given, deviation from a straightedge shall apply. | | | | |

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| Deviation limits | | | |
|  | 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 8.8.4.4.3) | | | | | |
|  | 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 8.8.4.4.4)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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| Proof rolling of stabilised layers (Clause 9.9.2) | | | | | |
|  | 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, 8.5.1, 8.5.2, 8.5.3, 8.7.8, 8.8.1.1, 8.8.1.2, 8.8.4.1.1 and 8.8.4.2.1 and 9.5) | | | | | | | |
|  | 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 5 – Testing of Materials for Insitu Foamed Bitumen Stabilisation* for guidance on the mix design*.* | | | | | | |
| Reference location | | |  |  |  |  |  |
| Course location | | |  |  |  |  |  |
| Design depth (mm) | | |  |  |  |  |  |
| Estimated bituminous stabilising agent content (%, by mass) | | |  |  |  |  |  |
| Specified spread rate of bituminous stabilising agent (kg/m²) †1 | | |  |  |  |  |  |
| Estimated secondary stabilising agent content (%, by mass) | | |  |  |  |  |  |
| Specified spread rate of secondary stabilising agent (kg/m²) †² | | |  |  |  |  |  |
| Available lime index for hydrated lime used in laboratory mix design testing ALX (%) †³ | | |  |  |  |  |  |
| Method of testing for bituminous stabilising agent content †4 | | |  |  |  |  |  |
| Maximum time between spreading of the secondary stabilising agent and mixing of stabilising agent into insitu material (minutes) **†5** | | |  |  |  |  |  |
| Construction process †6 | | |  |  |  |  |  |
| †1 If no value is given, the specified spread rate shall be 21 kg/m².  †2 Spread rate based on hydrated lime (not quicklime). If no value is given, the specified spread rate shall be 10 kg/m². The Contractor shall make allowance for the type of secondary stabilising agent used and the variation of the Available Lime Index of the stabilising agent supplied.  †3 If no value is given, ALx shall be 90%.  †4 Flow meter or tanker dipping (Clauses 8.8.1.2 and 9.5).  †5 If no time is given, it shall be 60 minutes.  †6 Product standard or process requirement (Clause 8.5.2 and 8.5.3). If no indication is given, product standard shall apply. | | | | | | | |
| Datum (Clause 8.1) | | | | | | | |
|  | | The datum for the measurement of the design depth is given below. | | | | | |
|  | | Refer to Figure 8.7.11 in MRTS07C. | | | | | |

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