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| **Annexure MRTS90.1** |
| **Modular Bridge Expansion Joints** |
|  |
| **Specific Contract Requirements** |
|  |
| **Contract Number**  |  |
|  |
| Note: | Clause references within brackets in this Annexure refer to Clauses in the parent Technical Specification MRTS90 unless otherwise noted. |

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| Part A – Completed by Principal as part of brief. |
| Joint Performance Standards (Clause 6.4)Expansion Joint Openings (Clause A3 of Appendix A) |
|  | Maximum average bridge temperature (refer to AS 5100.2, Clause 17.2) | **Tmax** |  |

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|  | Minimum average bridge temperature | **Tmin** |  |

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| --- | --- | --- | --- |
|  | Expected temperature at initial condition | **Ti** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Gap at initial condition | **Ji** |  |

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| --- | --- | --- | --- |
|  | Change in width of gap for 1°C change in average bridge temperature | **es** |  |

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| --- | --- | --- | --- |
|  | Total creep and shrinkage movement until the end of the design life | **cs** |  |

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| --- | --- | --- | --- |
|  | The minimum MBEJ opening at serviceability | **Js,min** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | The maximum MBEJ opening at serviceability | **Js,max** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | The MBEJ opening for ultimate limit state | **Ju** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | MBEJ opening for fatigue limit state | **Jf** |  |

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| Horizontal Forces (Clause A7 of Appendix A) |
|  | The longitudinal force coefficient | **η** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | The transverse force coefficient | **τ** |  |

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| Additional Requirements for skewed Expansion Joints (Clause A1 of Appendix A) |
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| Supplementary RequirementsThe following supplementary requirements shall apply (Clause 17) |
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