#### FORM r40.1 - Nomination Of Material Form

***Electronic forms are available from*** <http://www.transport.tas.gov.au/road/specifications>

|  |  |
| --- | --- |
| Contractor: |  |
| Contract No: |  |
| Course: |  | Date: |  |

|  |
| --- |
| **Material Source** |
| Name of Source: |  |
| Supplier's Business Name: |  |
| Address: |  |
| Suburb: |  | State: |  | P/Code: |  |

|  |
| --- |
| **Geological Descriptions** |
| a) Primary Material: |  | % |
|  |
| b) Additives: |  | % |
|  |

|  |
| --- |
| **Test Properties (Most recent test data)** |
| **1) CBR** |
| Tested By: |  |
| Report Date: |  | Report No: |  |
| Specified CBR: |  | Measured CBR: |  |
| Attach Report |

|  |
| --- |
| **2) Durability** |
| Tested By: |  |
| Report Date: |  | Report No: |  |
| Specified Wet Strength: | kN  | Assigned Wet Strength:  | kN |
| Specified WDSV: | % | Assigned WDSV: | % |
| Attach Report |

|  |
| --- |
| **3) Modified Compaction** |
| Tested By: |  |
| Report Date: |  | Report No: |  |
| Test Max Grain Size: | mm | Oversize: | % |
| Measured MDD: | t/m3 | Measured OMC: | % |
| Corrected MDD: | t/m3 | Corrected OMC: | % |
| Particle Density: | t/m3 | Attach Report |

|  |
| --- |
| **4) Properties of Fines** |
| Tested By: |  |
| Report Date: |  | Report No: |  |
| LL | PL | PI | Attach Report |

|  |
| --- |
| **5) Particle Size** |
| Tested By: |  |
| Report Date: |  | Report No: |  |
| Prior to / after completion |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sieve Size (mm) | 100 | 75 | 37.5 | 26.5 | 19 | 9.5 | 4.75 | 2.36 | 0.425 | 0.075 |
| % Passing |  |  |  |  |  |  |  |  |  |  |
| Target Grading % Passing |  |  |  |  |  |  |  |  |  |  |
| Before/After Compaction |  |  |  |  |  |  |  |  |  |  |
| Lot Mean Upper Limit % Passing |  |  |  |  |  |  |  |  |  |  |
| Lot Mean Lower Limit % Passing |  |  |  |  |  |  |  |  |  |  |
| Single Sample Upper Limit % Passing |  |  |  |  |  |  |  |  |  |  |
| Single Sample Lower Limit % Passing |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Expected % Change in PSD Resulting from Compaction** |
| Sieve Size (mm) | 100 | 75 | 37.5 | 26.5 | 19 | 9.5 | 4.75 | 2.36 | 0.425 | 0.075 |
| Expected % Change to % Passing |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| Tested By: |  |
| Report Date: |  | Report No: |  |
| Attach Report |

#### CONTROL CHARTS TO BE PROVIDED FOR SAME MATERIAL AS REQUIRED UNDER DIER SPECIFICATIONS

*1) Corrected Maximum Dry Density* – DIER Standard Specification G4, Clause G4.8 (ii)

 Supplied / Not Supplied

*2) Wet Strength + Wet Dry Strength Variation* – DIER Standard Specification G6, Clause G6.9(a)

 Supplied / Not Supplied

*3) Particle Size Distribution* – DIER Standard Specification R40, Clause R40.8.2(e)

 Supplied / Not Supplied

*4) Plastic Index* – DIER Standard Specification R40, clause 6.3(d)

 Supplied / Not Supplied

#### SAMPLES

*1) Primary Material*

 Identification: Number of Bags:

*2) Additives*

 (a) Identification Number of Bags:

 (b) Identification Number of Bags:

 (c) Identification Number of Bags:

Signed:

Recorded: