#### 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: