Test Method T100

Sampling road construction materials (soil, gravel, sand, aggregate, rock, and recycled products)
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About this release

Title: Sampling road construction materials (soil, gravel, sand, aggregate, rock, and recycled products)

Test method number: T100

Author: Materials Technology

Authorised by: Director Pavements and Geotechnical

Summary of changes

<table>
<thead>
<tr>
<th>Issue number</th>
<th>Clause number</th>
<th>Revision description</th>
<th>Authorised by</th>
<th>Publication date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue 3.0</td>
<td>3</td>
<td>Note added emphasising the correct labelling of the container.</td>
<td>Director Pavements and Geotechnical</td>
<td>August 2020</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>References to the AS standards moved to the references section.</td>
<td>Director Pavements and Geotechnical</td>
<td></td>
</tr>
<tr>
<td>Ed 2 / Rev 0</td>
<td></td>
<td>Reformatted template</td>
<td>J. Friedrich</td>
<td>October 2012</td>
</tr>
<tr>
<td>Ed 1 / Rev 0</td>
<td></td>
<td>New method</td>
<td>J. Friedrich</td>
<td>June 2010</td>
</tr>
</tbody>
</table>

Note: The functions of the former State Government agency Roads and Maritime Services (RMS or Roads and Maritime) are now administered by Transport for NSW.
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Test Method T100

Sampling road construction materials
(soil, gravel, sand, aggregate, rock, and recycled products)

1 Scope
This test method defines procedures for taking and packaging samples of road construction materials for examination and testing.

2 General
(a) Road construction material, referred to as “material” in this test method, includes the following:
   (i) Aggregate and rock products.
   (ii) Soil products.
   (iii) Recycled products.

   NOTE: Sampling of asphalt and concrete are not included.

(b) The material to be sampled is from one of many different locations (refer to Table 1).
3 Procedure

Carry out sampling of material in accordance with the appropriate test method listed in Table 1.

NOTE: Label the sample as per requirements of the corresponding Australian Standard once taken – both on the container externally, and on a tag internally.

<table>
<thead>
<tr>
<th>Material</th>
<th>Test Method</th>
<th>Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate and rock products with a ≤ 63 mm nominal size (includes soil, sand and aggregate).</td>
<td>AS 1141.3.1.</td>
<td>Conveyor, bin, truck, stockpile, placed earthworks or pavement layer, small heap or windrow.</td>
</tr>
<tr>
<td>Rock products with a &gt; 63 mm nominal size (includes rock spalls or boulders).</td>
<td>AS 1141.3.2.</td>
<td>Quarry, pit, cut or fill, drainage blanket, rip rap, armour rock, gabion rock.</td>
</tr>
<tr>
<td>Soil, gravel, rock and recycled product (includes earthworks, drainage and pavement materials).</td>
<td>AS 1289.1.2.1</td>
<td>Stockpile, windrow, uncompacted layers in earthworks or pavement, compacted layers in earthworks or pavement, in-situ material.</td>
</tr>
</tbody>
</table>

4 Reporting

Include all the records required under the relevant test method, reference to the Australian Standard along with the corresponding clauses, and this test method in the report.

5 References

The following documents are referred to in this test method:

- AS 1141.3.2. (2012). “Methods for sampling and testing aggregates - Sampling - Rock spalls, boulders and drill core.” Standards Australia.
Contact Us:
If you have any questions or would like more information on this document, please contact Transport for NSW:

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