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SOILS, ROAD GRAVELS ETC`

REVISION SUMMARY

Date	Clause Number	Description of Revision	Authorised By
May 1999		Generally Revised/Updated Reformatted and Revision Summary Added	D.Dash
August 1999		Test Method T277 Added(New Issue)	D.Dash
Sept 1999		Test Method T111 Revised Test Method T112 Revised	D.Dash
Nov 1999		Test Method T371 Added(New Issue)	D.Dash
Feb 2001		Date on Test Method Revised to Agree with Date on Revision Summary on Methods Nos. – T 102-109,113-130,132-134,136-137,144,160-161,163-189,191-204,208,211-212,215-221,223-264,268-276,300-369,401-437 Test Method T131 Revised Test Method T373 Revised Test Method T363 Revised T173 Title on Index Altered to Agree with that on Method	D.Dash
Oct 2001		Test Method T215 Formulas (missing) added to Procedure - Sections 2.and 3.	D.Dash
Feb 2002		Test Method T187 Generally Revised – Title Altered	D.Dash
Jul 2002		Test Method T203 Clause 6 revised to 0.2%	D.Dash
Nov 2002		Test Method T375 New Issue Greg Forster	D.Dash
Dec 2002		Test Method T200 New Issue Ray Gaughan	D.Dash
Jan 2003		Test Method T231 Generally Revised (To permit field testing-R. Horner)	D.Dash
Mar 2003		Test Method T107 Typos Corrected	D.Dash
Oct 2003		Test Method T179 Method Withdrawn – G. Vorobieff	D.Dash
July 2004		Test Method T185-Revision Date Altered	G. Hall
July 2004		Test Method T215-Revision Date Altered	G. Hall

Date	Clause	Description of Revision	Authorised By
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	Number		
July 2004		Test Method T223-Revision Date Altered	G. Hall
July 2004		Test Method T373-Revision Date Altered	G. Hall
Feb 2005		Test Method T198-New Issue-Phil Walter	G. Donald
Feb 2005		Test Method T199-New Issue-Phil Walter	G. Donald
Jun 2005		Test Method T2160-New Issue-Jose Carrasco	G. Hall
Dec 2005		Test Method T278-New Issue-Greg Hall	G Donald
Oct 2006		Test Method T240 - Revised title, scope, medium grading and straight edge limits, included surface descriptions, revised reporting David Bligh	G. Donald
Apr 2007		Test Method T108 - Generally Revised Amendments to Clauses 3, 5 and 7 to clarify requirements for equipment and techniques-Ian Stewart	G. Donald
Nov 2007		Test Methods T147 and T2105 New Methods Added Test Methods T102/103/104/105/106/107/109, T111/112/114/116/117/119/ 120/121/123/125 T130/131/136/147/162/164/165/166/171/173180/ 213/215/219/ Revised Test Method T171a Withdrawn	G. Donald
Nov 2007		Test Method T107- New Edition-Minor Changes	G. Donald
February 2008		Test Method T117 - New Revision Summary. Clause 2(e) specifies the parameters and adds LMR and LDR. Changed LMR tolerance in Clause 5.1(c) & edited 7(e).	David Hazell
June 2008		Test Method T102- Clarify moisture content. Apparatus revised by deletion of oven requirements. Preparation note about curing. Clause on labelling.	D. Hazell
June 2008		Test Method T161 -Generally Revised-Title changed. Altered AS references. Incorporate interpretation in an Appendix.	D. Hazell
Sept 2008		Test Method T105 - Clarification about curing, moisture content and altered sieve size T103..	D. Hazell
Sept 2008		Test Method T131 Tolerance for OMC changed to $\pm 0.5\%$.-.	D. Hazell
Sept 2008		Test Method T160 -. Generally Revised. Title Changed. Tyre specification and pressures updated. Diagram included. Revised method. Notes located under each clause. Appendix for asphalt temperature measurement.	D. Hazell
Sept 2008		Test Method T162 Mould tolerances consistent with RTA T111 .	D. Hazell
Sept 2008		Test Method T185 Revised format. Amended reference to RTA Test Methods instead of AS. Title Altered	D. Hazell

Sept 2008		Test Method T186 New Method. Consistent with T130 & T131. Incorporate comments by A Bretreger. Surcharge 6.75kg.-.	D. Hazell
Sept 2008		Test Method T199 - New edition Title Altered. Revised and reformatted to be consistent with T160. Sample Pattern defined. Corrected CV formula. Added Characteristic Deflection..	D. Hazell
Sept 2008		Test Method T177. New Method Based on “Austroads” TM and the MRWA Test Method WA 326.2.	D. Hazell
Sept 2008		Test Method T119. Additional description of processes	D. Hazell
Sept 2008		Test Method T106. Generally Revised - Revisions as Indicated	D. Hazell
Oct 2008		Test Method T173. Automatic depth sensor required – Clarify sampling requirements	D. Hazell
Feb 2009		Test Method T131. Update reference to Steps in T116	D. Hazell
Feb 2009		Test Method T144. Revised Test – Title changed. -2.36 mm used. Uses smaller sub-samples, water not boiled, less stirring, report lime demand and lime saturation.	D. Hazell
Mar 2009		Test Method T161 5. Appendix: Interpretation of results added. Omitted in previous revision,	D. Hazell
Mar 2009		Test Method T105 Preparation of Samples for Testing (Soils) Consistent sample. Clarify mould requirements & T120 sample sizes. Updated T141 & T172 requ'ts. New T2162 & T2163 requ'ts. Table Error! Reference source not found. sieves added. New A.11, A.12. & A.13. New App C. App D Two definitions added and App renumbered.	D. Hazell
Mar 2009		Test Method T119 Corrected accuracy	D. Hazell
Mar 2009		Test Method T172 Generally Revised – Title changed. Incorporate and replace part of T151. Removed measurement of swell. Specimen preparation cross-referenced. Apparatus tolerances made consistent with other tests. Simplify formulas.	D. Hazell
Sept 2009		T119- Tolerance of mould. Symbol for density.	D. Hazell
Sept 2009		T183- New Issue	G.Hall
Sept 2009		T188- New Issue	G.Hall
Sept 2009		T199- Clarify accuracy of calculations	D. Hazell

Sept 2009		T370- General revision and reformatting	G.Hall
Jan 2010		T102-Default requirements, documents; Oversize recorded; № of layers clarified, Procedure revised; oversize reported	D. Hazell
Jan 2010		T131- Update reference to Steps in T116	D. Hazell
Jan 2010		T130- Clarify preparation	D. Hazell
Jan 2010		T120- Cross reference AS 1289.2.1.1	D. Hazell
Jan 2010		T113- New Issue	D. Hazell
Jan 2010		T111- Clarify portion. Document ref. Curing. Mould selection. Symbol for density revised.	D. Hazell
Jan 2010		T103- Apparatus; Oversize; decanting, heating. Oversize reported.	D. Hazell
Jan 2010		T176-Determined to be a calibration procedure- withdrawn	D. Hazell
Mar 2010		Test Method T116. Note on compaction, document list added, extra capping options, OMC testing, note added on scarifying surface, defects, pronomeral for density.	D. Hazell
<u>June 2010</u>		T100- New Method.	D. Hazell
<u>June 2010</u>		T171- References added. Accuracy of reporting. -	D. Hazell
<u>June 2010</u>		T188- header dates corrected	D. Hazell
<u>June 2010</u>		T203- New Issue. Conforms to AS 1141.12	D. Hazell
<u>June 2010</u>		T209- New Issue. Conforms to AS 1141.6.1	D. Hazell
<u>June 2010</u>		T211- New Issue. Bulk density replaces unit mass. Conforms to part of AS 1141.4	D. Hazell
<u>June 2010</u>		T212- New Issue. Bulk density replaces unit mass. Conforms to part of AS 1141.4	D. Hazell
<u>June 2010</u>		T235- New Issue. Reference to AS 1141.20.1. Tolerance conforms.	D. Hazell
<u>June 2010</u>		T275- New Issue. Reference to AS 1141.20.2.	D. Hazell
<u>June 2010</u>		T370- header dates corrected	D. Hazell
July 2010		T376- New Method	D. Hazell
July 2010		T377- New Method	D. Hazell
July 2010		T378- New Method	D. Hazell

May 2011		T111- New Revision Ed 2/ Rev 2 New style. Added references. Protect moisture loss. Reworded.	D. Hazell
May 2011		T114- New Revision Ed 2/Rev 1 New style. Clarify OMC, documents listed. Alternative end of test. OMC changed to w_M . Reporting revised.	D. Hazell
May 2011		T116- New Revision Ed 2/Rev 2 Test method list revised. Reworded. Order of capping.	D. Hazell
May 2011		T117- New Revision Ed 2/Rev 2 Title modified. Reference to dynamic deleted. Term 'Static' not used, combined mass with tolerance specified, list test methods. Number of perforations. More detail provided to adjust moisture, moisture content, no. blows, surcharge. Symbol for DD. Symbols added for clarity.	D. Hazell
May 2011		T162- New Revision Ed 1/Rev 2 Max moisture adj (Z), list of tests. Revised apparatus to dry back. Check Z, thorough mixing. Steps adjusted.	D. Hazell
May 2011		T166- New Issue Ed 2/Rev 0 List documents; Preparation added. Non-cohesive term now used and revised calcs. Reporting to include plots according to Appendix.	D. Hazell
May 2011		T239- New Issue. Ed2/Rev0. Subscripts changed, groups changed.	J. Friedrich
July 2011		T363- New Issue Ed2/Rev0. New Title. Updated, revised and reformatted from June 2008 draft	G. Forster
July 2011		T183- New Revision Ed 1/Rev 1 Test of joint, position, convex shape, note added.	J. Friedrich
Oct 2011	Table 1	T239- New Revision Ed2/ Rev1. Table 1 corrected – 14mm or greater	J. Friedrich
Oct 2011	All. New 6.1 and change to 6.2(a), 6.2(e)	T106- New issue Ed3/Rev0. Preliminary sieving not required. 6.7mm sieve not mandatory. Mass of sample corrected to be after drying. Tolerance on intermediate receiver.	D. Hazell
Oct 2011	All 2. 3(a)(i)(v),(vi), (vii),(viii), (ix)	T107- New issue Ed3/Rev0. Generally revised. Clarify use of T106 portion and results, reporting tolerance and rewording, % Between Sizes added to table. ABC Ratios reworded and are optional. Add T106 where appropriate.	D. Hazell
Oct 2011	5.3(a)	T117- New revision Ed2/Rev3. Clarified surcharge masses.	D. Hazell
Oct 2011	2(a)(b), 3(ii)	T120- New revision Ed3/Rev1. New format. Clarify when to use lower temperatures. Correlation requirement. Added references. Clarify constant mass temperatures.	D. Hazell
Oct 2011	All. 2(a),(b),(d)(i). 5(g). 6(b). 7(a), (b)	T121- New issue Ed3/Rev0. Clarify usage and correlation requirement. Reference added. Results to be corrected.	D. Hazell
Oct 2011	All. 2(a),(c),(d), (e)(i). 5(g). 6(b). 7(a), (b)	T180- New issue Ed3/Rev0. Clarify usage and correlation requirement. Reference added. Results to be corrected.	D. Hazell
Oct 2011	2(c). 3(l). 4(b)	T377- New Issue Ed2/Rev0. New format. Height range broadened. Saw required for trimming.	D. Hazell
Oct 2011	3(e). 4(a), (b)	T378- New Issue Ed2/Rev0. New format. Saw required for trimming. Height range broadened	D. Hazell

Jan 2012	6.,10.	T363- New revision Ed2/Rev1. Reporting of water/cement ratio added	G. Forster
April 2012	All	T201- New Issue Ed2/Rev0. Conforms to AS 1141.11.1 New title. Minor format change.	J. Friedrich
April 2012	3(ii)	T203- New revision Ed2/Rev1. Amend accuracy of result. Minor format change.	J. Friedrich
April 2012	All	T237- New issue Ed2/Rev0. Spoons replaced with measured precoat.	J. Friedrich
April 2012	All	T240- New Issue Ed3/Rev0. A single size material and a minimum radius for the patch specified. Reformatted & revised.	J. Friedrich
April 2012	All	T271- New Issue Ed2/Rev0.	J. Friedrich
April 2012	All	T274- New issue Ed2/Rev0. Various tray materials allowed.	J. Friedrich
April 2012	All	T153- New issue Ed2/Rev0. Reformatted and revised	D. Hazell
October 2012	All	All test methods except T237, T240, T271, T274 and T363 reformatted to new RMS template.	J. Friedrich
August 2013		T198 – Testing officer changed to Principal’s nominated representative. Changes to equipment that can be used for the test method.	J. Friedrich
August 2013		T199 - New sentence on Testing Officer. Remove Part (b)	J. Friedrich
November 2013	All	T189- New revision Ed2/Rev1. Generally revised	J. Friedrich
December 2013	All	T154- New Issue Ed1/Rev0.	J. Friedrich
December 2013	6, 7	T240- New revision Ed3/Rev1. Revised Texture depth reporting requirement to 0.1 mm. Deleted units ‘(g)’ from formula inputs for ‘n’.	J. Friedrich
January 2014	All	T368- New Revision Ed2/Rev1. Better integration with R83 Edition 3, Removed filler density requirement, Minor anomaly in final calculation amended. Title amended.	G. Vorobieff
June 2014	All	T304- New Issue Ed3/Rev0. Amendments made to methodology arising from experience on major projects and availability of apparatus.	G. Vorobieff
June 2014	Revision Summary Notes	T199- New Revision Ed3/Rev2. Date changed for manual reading of dial gauge	J. Friedrich
September 2014	All	T381- New Method Ed1/Rev1	J. Friedrich
March 2015	All	T280- New Method Ed1/Rev0	J. Friedrich

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Test Method Number	Test Method	Date of Issue or Revision
(a) Pretreatment of Samples		
T100	Sampling Road Construction Materials (Soil, Gravel, Sand, Aggregate, Rock and Recycled Products)	October 2012
T102	Pretreatment of Road Construction Materials by Compaction	October 2012
T103	Pretreatment of Road Construction Materials by Artificial Weathering	October 2012
(b) General		
T105	Preparation of Samples for Testing (Soils)	October 2012
T106	Coarse particle size distribution of road construction materials (by dry sieving)	October 2012
T107	Fine particle size distribution of road construction materials	October 2012
T108	Liquid Limit of Road Materials	October 2012
T109	Plastic Limit and Plasticity Index of Road Construction Materials	October 2012
T111	Dry Density/Moisture Relationship of Road Construction Materials	October 2012
T112	Dry Density/Moisture Relationship of Road Construction Materials (Modified Compaction)	October 2012
T113	Linear Shrinkage of Road Construction Materials	October 2012
T114	Maximum Dry Compressive Strength of Road Construction Materials	October 2012
T116	Unconfined Compressive Strength of Remoulded Road Construction Materials	October 2012
T117	California bearing ratio of remoulded specimens of road construction material	October 2012
T117a	Determination of the California Bearing Ratio of Remoulded Specimens of Road Materials (Ten Day Soak Period) - WITHDRAWN	
T118	Determination of the In Situ California Bearing Ratio of Road Materials	October 2012
T119	Field Density of Road Construction Materials (Sand Replacement Method)	October 2012
T120	Moisture Content of Road Construction Materials (Standard Method)	October 2012
T121	Moisture Content of Road Construction Materials (Sand Bath or Hot Plate Method)	October 2012
T123	pH Value of a Soil (Electromagnetic Method)	October 2012
T125	Field Density of Road Construction Materials (Balloon Densometer Method)	October 2012
T126	Assessment of Primer or Binder Absorption by Road Gravel	October 2012
T127	Apparent Density of Fine Soil Particles	October 2012
T128	Apparent Density of Soils Containing Coarse Particles	October 2012
T129	Bulk Density and Water Absorption of the Fine Sand Fraction of Soils	October 2012

(c) Stabilisation with Cement

T130	Dry Density/Moisture Relationship of Road Construction Materials (Blended in the Laboratory with Cementitious Binders)	October 2012
T131	Unconfined Compressive Strength of Road Construction Materials (Blended in the Laboratory with Cementitious Binders)	October 2012
T132	Determination of the California Bearing Ratio of Cement Modified Road Materials Stabilised or Modified with Proportions of Cement, Lime or Other Cementitious Materials	October 2012
T133	Durability of Road Materials Modified or Stabilised by the Addition of Cement	October 2012
T134	Lime or Cement Content of Uncured Stabilised Soil (E.D.T.A. Method)	October 2012
T135	Withdrawn	
T136	Rate of Spread of Dry Powder Binders	October 2012
T137	Cement Content of Cement Stabilised Material (Heat of Neutralisation Method)	October 2012

(d) Stabilisation with Lime or Lime-Flyash

T143	Lime Content of Lime Stabilised Materials	October 2012
T144	Determination of the Lime Saturation Point of Roadmaking Materials by the pH Method	October 2012
T146	Conductometric Determination of the Lime or Cement Content of Stabilised Material	October 2012
T147	Working Time for Road Construction Materials (Blended in the Laboratory with Slow Setting Binders)	October 2012

(e) Stabilisation with Bituminous Materials

T150	Density - Moisture Relations for Mixtures of Road Materials and Bituminous Materials	October 2012
T151	Determination of Absorption and Compressive Strength of Road Materials Stabilised or Modified with Bituminous Materials	October 2012
T152	Stability of Mixtures of Road Materials and Bituminous Materials (Hubbard - Field Method)	October 2012
T153	The half-life and expansion ratio of foamed bitumen	April 2012
T154	Resilient modulus of road construction materials stabilized by foam bitumen (blended in the laboratory)	December 2013

(f) General (continued)

T160	Deflection Measurement (Portable Beam)	October 2012
T161	Penetration Resistance Of A Soil (Dynamic Cone Penetrometer-9kg Mass)	October 2012
T162	Compaction Control Test (Rapid Method)	October 2012
T163	Compaction Factor of Soils and Gravels	October 2012
T164	Maximum Dry Density of Cohesionless Materials (by Vibration)	October 2012
T165	Dry Density in Situ of Road Construction Materials (Fixed Volume Extractive Method)	October 2012
T166	Relative Compaction of Road Construction Materials	October 2012
T167	Determination of the California Bearing Ratio of Remoulded Specimens of Road Materials (Design Method)	October 2012
T168	Determination of In Situ Infiltration of Water into a Road Pavement	October 2012
T169	Measurement of Soil Moisture Suction Using the Filter Paper Method	October 2012
T170	Determination of the Soil Suction-Moisture Content Relationship for Soils	October 2012
T171	Modified Texas Triaxial Compression Test for Pavement Materials	October 2012
T171(a)	Addendum to Modified Texas Triaxial Test	October 2012
T172	Capillary Rise and Absorption of Modified or Bound Road Construction Materials	October 2012
T173	Field Wet Density of Road Construction Materials (Nuclear Gauge in Direct Transmission Mode)	October 2012
T176	Calibration of a Nuclear Density-Moisture Gauge (BlocksMethod) WITHDRAWN	
T177	Pavement Deflection Measurement (Falling Weight Deflectometer)	October 2012
T179	Determination of the Pavement Longitudinal Surface Profile Factor (One Metre Profile Beam)	Withdrawn
T180	Moisture Content of Road Construction Materials (Microwave Oven Method)	October 2012
T182	Pavement Surface Roughness	October 2012
T183	Surface Deviation using a Straightedge	October 2012
T185	Resistivity of Sands and Granular Road Construction Materials	October 2012
T186	Erodibility of Stabilised Road Construction Materials	October 2012
T187	Measurement of Ride Quality of Road Pavements by Laser Profiler	October 2012
T188	Project Ride Quality (Vehicular Laser Profilometer)	October 2012
T189	Determination of Skid Resistance by Sideways Force Measuring Equipment	November 2013
T190	Fine Particle Size Distribution by Hydrometer	October 2012
T191	Determination of Deflection and Curvature by Deflectograph	October 2012
T192	Determination of the Texture Depth of Road Surfacing by the TRL Mini Texture Meter	October 2012
T198	Proof Rolling Test	August 2013
T199	Deflection Testing of Road Formation	June 2014
T2160	Determination of Extent of Road Pavement Cracking by RoadCrack Equipment	October 2012
T2105	Correlation of Moisture Content with Standard Method	October 2012

AGGREGATES

Test Method Number	Test Method	Date of Issue or Revision
T200	Chloride Content of Roadbase	October 2012
T201	Particle distribution of aggregates (by washing)	October 2012
T202	Presence of Friable Particles in Aggregates	October 2012
T203	Particle Distribution of Aggregates Finer than 75 µm (by Washing)	October 2012
T204	Los Angeles Test for Coarse Aggregates	October 2012
T205	Aggregate Crushing Value	October 2012
T208	Water Adsorption of Coarse Aggregate	October 2012
T209	Particle Density and Water Absorption of Coarse Aggregate(weigh-in-water method)	October 2012
T210	Density and Water Absorption of Fine Aggregate	October 2012
T211	Uncompacted Bulk Density of Aggregate	October 2012
T212	Compacted Bulk Density of Aggregate	October 2012
T213	Particle Shape by Proportional Caliper	October 2012
T215	Wet/Dry Strength Variation	October 2012
T216	Sandstone Crushing Value	October 2012
T217	Accelerated Expansion Test	October 2012
T218	Total Sulphur Content in Metallurgical Slag , Crushed Rock or other Pavement Materials	October 2012
T219	Acid Soluble Sulfate Content in Road Construction Materials	October 2012
T220	Iron Unsoundness in Metallurgical Slag	October 2012
T221	Dusting or Falling Unsoundness in Metallurgical Slag (Petrographic Method)	October 2012
T222	Indirect Tensile Strength of Rock Drill Core (Brazil or Splitting Test)	October 2012
T223	Determination of the Point Load Strength of Rock Specimens (Field Method)	October 2012
T224	Determination of the Ultrasonic Velocity of Soil and Rock	October 2012
T225	Petrographic Examination of Granular Material	October 2012
T226	Petrographic Examination of Rock in Thin Section and Polished Thin Section	October 2012
T227	Clay Content of Crushed Rock Used for Pavement Construction (X-ray & Petrographic Methods)	October 2012
T229	Unconfined Compressive Strength of Rock Core to 50 MPa Strength	October 2012
T230	Resistance to Stripping of Aggregates and Binders	October 2012
T231	Frictional Resistance by Pendulum Tester	October 2012
T232	Average Texture Depth of Road Surface Using the Textural Depth Meter	October 2012
T233	Polishing Value of Aggregate	October 2012
T234	Polishing Value of Aggregate by Trafficking	October 2012
T235	Average Least Dimension of Aggregate (10mm and greater)	October 2012
T236	Rate of Spread of Cover Aggregate	October 2012
T237	Rate of application of precoat to aggregate	April 2012

T238	Initial Adhesion of Cover Aggregates and Binders	October 2012
T239	Fractured Faces of Coarse Aggregate	October 2012
T240	Road surface texture depth (sand patch)	December 2013
T260	Organic Impurities in Fine Aggregate (Colour Test)	October 2012
T262	Determination of Moisture Content of Aggregates (Standard Method)	October 2012
T263	Bulking of Sand	October 2012
T264	Soluble Salts in Sand	October 2012
T265	Withdrawn	
T266	Soundness of Aggregates (By Use of Sodium Sulphate Solution)	October 2012
T268	Determination of Clay or Fine Silt Content in Aggregate (Settling Method)	October 2012
T269	Sugar in Aggregate	October 2012
T270	Material Finer than 2 μm in Aggregates	October 2012
T271	Ball penetration test	April 2012
T272	Modified Tray Test for Sealing Aggregates	October 2012
T273	Investigation of Seal Behaviour	October 2012
T274	Aggregate spread rate (field method)	April 2012
T275	Average Least Dimension of Aggregate (5 mm and 7 mm)	October 2012
T276	Foreign Materials Content of Recycled Crushed Concrete	October 2012
T277	Measurement of Loose Aggregate on Sprayed Seals	October 2012
T278	Aggregate Shape by the Ratio of Greatest to Least Dimension	October 2012
T279	Flow time and voids content of fine aggregate by flow cone	October 2012
T280	Determination of maximum particle dimension of road construction material by direct measurement	March 2015

CONCRETE

Test Method Number	Test Method	Date of Issue or Revision
T300	Method of Sampling Fresh Concrete	October 2012
T301	Consistence of Concrete (Slump Test)	October 2012
T302	Compacting Factor of Concrete	October 2012
T303	Mass per Unit Volume of Freshly Mixed Concrete	October 2012
T304	Moulding of Concrete Specimens for Testing in Compression, Indirect Tension and Flexure	June 2014
T305	Inspection and Capping of Concrete Compression Test Specimens	October 2012
T306	Compressive Strength of Concrete Specimens	October 2012
T307	Compressive Strength of Concrete Specimens (Manual Machine)	October 2012
T308	Static Chord Modulus of Elasticity of Concrete Specimens	October 2012
T309	Cement Content & Mix Proportions of Hardened Concrete	October 2012
T310	Compressive Strength of Concrete Cores	October 2012
T312	Drying Shrinkage of Concrete	October 2012
T313	Bleeding of Concrete	October 2012
T314	Method of Mixing Concrete in the Laboratory	October 2012
T315	Indirect Tensile Strength of Concrete Cylinders	October 2012
T316	Mass per Unit Volume of Hardened Concrete (Rapid Measuring Method)	October 2012
T317	Mass per Unit Volume of Hardened Concrete(Water Displacement Method)	October 2012
T318	Saturated Surface Dry Moisture Content of Coarse Aggregate	October 2012
T319	Saturated Surface Dry Moisture Content of Fine Aggregate	October 2012
T320	Determination of Air Content of Freshly Mixed Concrete	October 2012
T321	Drying Shrinkage of 100 x 100 x 280 mm Concrete Prisms	October 2012
T322	Flow of Grout Mixtures	October 2012
T323	Expansion and Bleeding of Grout	October 2012
T327	Making and Curing of Concrete Flexural Test Specimens	October 2012
T328	Flexural Strength of Concrete Specimens	October 2012
T329	Wet Sieving of Concrete	October 2012
T330	Preparation of Epoxy Mortars	October 2012
T331	Making and Curing Epoxy Mortar and Epoxy Resin Test Specimens for Compressive Flexural Strength Testing	October 2012
T332	Inspection and Capping of Epoxy Resin Mortar Test Specimens	October 2012
T333	Composite Cylinder Test for Evaluation of Wet-to-Dry Concrete Adhesive	October 2012
T334	Tensile Bond Strength of Epoxy Resin Mortar	October 2012
T335	Compressive Strength of Epoxy Resin and Epoxy Mortar Specimens	October 2012

Test Method Number	Test Method	Date of Issue or Revision
T337	Gelation Time for Epoxy Adhesives for Raised Pavement Markers	October 2012
T339	Tensile Bond Strength Development of Epoxy Adhesive for Raised Pavement Marker	October 2012
T340	Load Testing of Precast Concrete Pipes	October 2012
T341	Load Testing of Precast Concrete Box Culverts	October 2012
T342	Load Testing of Concrete Fence Posts	October 2012
T362	Interim Test for Verification of Curing Regime - Sorptivity	October 2012
T363	Accelerated Mortar Bar Test for the Assessment of Alkali-Reactivity of Aggregate	January 2012
T364	Concrete Prism Test for AAR Assessment	October 2012
T366	Dowel Pull-Out Test	October 2012
T367	Field Simulated Curing and Testing of Moulded Concrete Specimens	October 2012
T368	Dressing Of Voids in Concrete Specimens and Unit Mass Adjustment for Embedded Steel	January 2014
T369	Longitudinal Profile Testing	October 2012
T370	Project Ride Quality(Walking Profiler)	October 2012
T371	Determination of Calcium Nitrite Quantity in Fresh Concrete (Test Strips)	October 2012
T373	Determination of the toughness of a fibre reinforced shotcrete mix - Round Determinate Panel Test	October 2012
T374	Determination of the toughness of a fibre reinforced shotcrete mix - Centrally Loaded Beam Test	October 2012
T375	Sampling and Testing of Grout	October 2012
T376	Moulding of No Fines Concrete Specimens	October 2012
T377	Water Permeability of No Fines Concrete (Falling Head Laboratory Permeameter)	October 2012
T378	Void Content of No Fines Concrete	October 2012
T379	Cleanliness of Sawn Concrete Pavement Joints	May 2013
T380	Field Adhesion of Joint Sealant to Concrete	May 2013
T381	Relative compaction of pavement concrete	Sept. 2014

CEMENT LIME FLYASH AND FILLERS

T401	Normal Consistency and Setting Time of Cement	October 2012
T402	Compressive Strength of Sand-Cement Mortar Cubes	October 2012
T403	Loss on Ignition	October 2012
T430	Available Calcium Oxide or Calcium Hydroxide in Lime	October 2012
T431	Residue of Quicklime after Slaking	October 2012
T432	Rate of Slaking of Quicklime	October 2012
T433	Determination of Sieve Residue of Fly Ash and Hydrated Lime	October 2012
T434	Water Soluble Fraction of Fine Material	October 2012
T435	Apparent Particle Density of Fine Material	October 2012

T436 Voids in Dry Compacted Fine Materials

October 2012

T437 Moisture Content of Fine Material

October 2012

