

Index of DoT Test Methods

**Test Method
RC 000.00
February 2022**

Abstract

Index of Department of Transport test methods. Includes methods current at 28 February 2022.

Test Methods

Method No.	Method Title	Issue Date
100 series	Chemistry and Bitumen	
RC 131.00	Residue of Quicklime after Slaking	June 2013
RC 131.01	Lime Saturation Point of Soil (pH Method)	March 2018
200 series	Asphalt and Concrete	
RC 200.01	Sampling of Loose Asphalt	June 2013
RC 200.04	Sampling of Asphalt from a Road Bed before Compaction	June 2013
RC 201.01	Design of Asphalt Mixes (Marshall Method)	October 2016
RC 201.12	Design of Asphalt Mixes (Gyratory Compaction Method)	October 2016
RC 201.13	Performance Properties of Asphalt Mixes	June 2013
RC 202.02	Bulk Density of Compacted Asphalt - Presaturation Method	June 2013
RC 211.01	Moisture Content of Mixed Asphalt Products	June 2013
RC 212.01	Recovery of Bituminous Binder from Asphalt for Measurement of Viscosity	June 2013
RC 253.01	Determination of Aggregate Moisture Content and Estimated Free Water (using microwave or hot plate)	June 2013
300 series	Soils, Aggregates and Field Density	
RC 301.01	Initial Preparation from Disturbed Samples	November 2012
RC 301.03	Preparation of Lime Stabilised Materials	November 2012
RC 301.04	Lime Stabilised Earthworks Materials – Available Lime, Assigned CBR & Swell	June 2017
RC 301.05	Pretreatment of Soils and Pavement Materials by Repeated Compaction	November 2012 + errata
RC 301.06	Preparation of Cement Stabilised Materials	November 2012
RC 302.11	Flakiness Index of Graded Materials (excluding single-sized aggregates)	March 2018
RC 316.00	Density Ratio and Moisture Ratio Lot Characteristics	February 2022
RC 316.10	Selection of Test Sites within a Test Lot	January 2020
RC 316.10B	Calculator for Selection of Test Sites within a Test Lot	January 2020
RC 316.12	Nuclear Gauge Off-set Determination, in Field Density Testing of Asphalt Layers	November 2012
RC 316.14	Moisture Ratio Determination for Assessment of Dry-Back of Granular Pavement Materials	June 2013

Method No.	Method Title	Issue Date
RC 317.01	Surface Texture by Sand Patch	October 2012
RC 317.03	Stripping of Aggregate from Sprayed Seals	December 2012
RC 324.01	Calculation of Assigned CBR and Assigned Percent Swell	October 2019
RC 326.01	Weighted Plasticity Index – Calculation of PI x Percent passing 0.425 mm Sieve	April 2016
RC 330.01	Cementitious Binder and Granular Additive Content for Stabilisation of Pavement Materials	December 2012
RC 330.02	Determination of the Maximum Allowable Working Time for a Cementitious Binder	October 2019
RC 330.03	Density Decay Correction Factor for Materials Stabilised with Cementitious Binder	October 2019
RC 330.04	Calculation of Density Ratio using Density Decay Correction Factor	February 2022
RC 352.02	Cement Content of Portland Cement Concrete	February 2013
RC 353.07	Determination of the Water Soluble Sulphate Content of Crushed Rock	February 2013
RC 353.08	Determination of the Total Sulphur Content of Rock or Soil	February 2013
RC 353.09	Soluble Salts in Soil (Conductivity Method)	December 2012
RC 355.01	Total Surface Area by Retention of Ethylene Glycol Monoethyl Ether (EGME)	December 2012
RC 370.05	Degradation Factor - Fine Aggregate	June 2013 + errata
RC 371.03	Aggregate Impact Value	June 2013
RC 372.01	Coarse Aggregate Quality by Visual Assessment	October 2016
RC 372.02	Preparation of Reference Specimens for Sound, Marginal and Unsound Stone	January 2020
RC 372.04	Foreign Materials in Crushed Concrete Products	June 2013
RC 374.01	Polished Stone Value	JFebruary 2022
RC 375.11	Particle Size Distribution of Sealing Aggregate	March 2018
RC 375.12	Percentage of Fine Material (<75 µm) in Sealing Aggregate, by-washing	March 2018
RC 376.03	Accelerated Mortar Bar Test - Alkali-silica reactivity of aggregate	April 2016
RC 376.04	Alkali Aggregates Reactivity using the Concrete Prism Test	June 2013
RC 377.01	Determination of the Fibre Content of Fresh Concrete (Wash-out Method)	March 2019
RC 381.01	Calculation of Robustness of Geotextile Material	November 2014
400 Series	Pavements	
RC 420.02	Pavement Deflection and Curvature using Pavement Strength Evaluator (PaSE)	October 2002
RC 421.02	Skid Resistance of a Road Pavement using a SCRIM® Machine	March 2018
RC 422.03	Pavement Roughness (Inertial Laser Profiler Method)	June 2001
RC 422.04	Pavement Rutting (Inertial Laser Profiler Method)	June 2001
RC 422.05	Texture Depth (Non-Contact Laser Method)	June 2001
RC 422.06	Pavement Roughness (ARRB TR Walking Profiler Method)	June 2001
RC 423.02	Measurement of Surface Levels of Pavement Layers (Random Site Selection)	June 2004
RC 423.02B	Random Site Selector Calculator for Surface Level	October 2019
RC 423.09	Measurement of Cracking and Patching Defects in a Pavement	April 2001
RC 424.01	Determination of Retroreflectivity of Pavement Markings (using the Mirolux 30 reflectometer)	December 2012
900 series	Calibrations	
RC 900.02	Checking the Accuracy of Perforated Plate Sieves	June 1998
RC 900.04	Function Check of a Nuclear Density/Moisture Gauge	October 2002
RC 910.09	Calibration of the Cross-sectional Area of a Mould	June 1998
RC 911.01	Determination of the Volume of a Cylindrical Mould using Water	June 1998
RC 911.02	Calibration of a Soils Compaction Hammer	June 1998
RC 911.09	Calibration of a Drying Oven	June 1998

Errata Table – minor corrections to methods (method not re-issued)

Method No.	Method title	Clause/Step	Change to Method / New text	Change date
RC 301.05	Pretreatment of Soils and Pavement Materials by Repeated Compaction	3(d)(iii)	Repeat steps (d) (i) and (ii) until the	June 2017
RC 370.05	Degradation Factor - Fine Aggregate	3 4(f)as in AS 1289.3.7.1. ... constant mass at 105 – 110°C and	March 2018

Department of Transport Test Method - Revision Summary
RC 000.00 – Index of DoT Test Methods

Date	Action	Relevant Document	Authorised by
February 2022	New Issue Removed from Index as obsolete methods Methods not required and removed from Index	RC 316.00, RC 330.04, RC 374.01 RC 102.05, RC 200.05, RC 210.06, RC 210.08, RC 251.01, RC 252.01, RC 252.02, RC 300.00, RC 300.03, RC 302.08, RC 316.11, RC 317.04, RC 317.05, RC 370.03, RC 401.02, RC 402.01, RC 422.10, RC 422.11, RC 422.12, RC 423.03, RC 423.04, RC 423.05, RC 423.06, RC 423.07, RC 910.05, RC 910.06. RC 112.01, RC 112.02, RC 112.03, RC 112.04	Principal Engineer – Pavements, Geotech. & Materials
January 2020	New issue Re-issue	RC 316.10B RC 316.10, RC 372.02	Manager - Construction Materials
October 2019	New issue Obsolete	RC 316.00, RC 324.01, RC 330.02, RC 330.03, RC 423.02B RC 910.05, RC 910.06	Manager - Construction Materials
March 2019	New issue	RC 377.01	Manager - Construction Materials
March 2018	New issue Re-issue Errata	RC 375.11, RC 375.12 RC 131.01, RC 302.11, RC 316.00, RC 316.10, RC421.02 RC 370.05	Manager - Construction Materials
June 2017	Correction Re-issue Errata table	Re-dated RC 131.01 to June 2013 RC 301.04, RC 302.11, RC 324.01, Introduced with RC 301.05	Manager - Construction Materials
October 2016	New issue	RC 201.01, RC 201.12, RC 301.04, RC 372.01	Manager - Construction Materials
April 2016	New issue Superseded Withdrawn or Obsolete Removed from Index	RC 301.04, RC 316.00, RC 324.01, RC 326.01, RC 372.01, RC 372.02, RC 376.03 RC 251.01, RC 252.01, RC 252.02, RC 422.10, RC 422.11 & RC 422.12. RC 423.03, RC 423.04, RC 423.05, RC 423.06, RC 423.07. RC 422.07, RC 422.08, RC 422.09, RC 423.01, RC 423.08 RC 911.10, RC 911.11, RC 911.12, RC 911.13, RC 911.21	Manager - Construction Materials
Nov 2014	New issue	RC 381.01	Manager - Construction Materials
August 2014	New issue Withdrawn	RC 131.01, RC 376.03 RC 102.05	Manager - Construction Materials
March 2014	New issue Superseded Withdrawn	RC 112.02, RC 201.01, RC 201.12, RC 252.01, RC 330.02, RC 374.01, RC 376.03 RC 911.10, RC 911.12, RC 911.21 RC 422.07, RC 422.08, RC 422.09, RC 423.01, RC 423.08 RC 911.11, RC 911.13, RC 912.00,	Manager - Construction Materials
Dec 2013	Chemistry and Bitumen methods	100 series TM withdrawn and obsolete removed from index :	Manager - Construction Materials

Date	Action	Relevant Document	Authorised by
		RC 111.01, RC 111.02, RC 111.06, RC 112.07, RC 154.01 RC 154.02, RC 155.00, RC 155.01, RC 155.02, RC 155.03 RC 155.04, RC 156.01, RC 156.02	

Contact Details

To receive the publication in an accessible format, please request on Department of Transport online message feedback form.

Engineering Group, Department of Transport, 60 Denmark St, Kew Vic 3101

Email: email@roads.vic.gov.au (quote document number and title)