



Quality construction begins with us

CMT LABS Pty Ltd
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www.cmtlabs.com.au

557 Vulture Street East, East Brisbane QLD 4169

TEST REQUEST FORM

Name of Requestor :	Requested date/time of attendance on site for sampling:
Project No / Name :	Date sampled provided by client :
Client :	Date Results Required :
Client Postal Address :	Payment Options : <input type="checkbox"/> Cash <input type="checkbox"/> Direct Deposit
Contact Phone :	Client Signature :
Email Address :	Reviewed & Approved :
Client Test Request No:	

Test Method	Test Requested	No. of tests requested	Sample Location/Remarks
	AS 1012 Concrete		
AS 1012.1	Sampling of freshly mixed concrete *		
AS 1012.3.1	Slump test *		
AS 1012.3.5	Slump flow T ₅₀₀ time, J-Ring (Rank 1, Rank 2, Rank 3) *		
AS 1012.4.2	Air content - Reduced air pressure *		
AS 1012.5	Mass per unit volume of freshly mixed concrete *		
AS 1012.8.1	Making and curing compression specimens *		
AS 1012.8.2	Making and curing flexural specimens *		
AS 1012.8.3	Making and curing mortar & grout specimens *		
AS 1012.8.4	Making and curing drying shrinkage specimens *		
AS 1012.14	Preparation of cores; conditioning cores (except clause 6.2) Wet and Dry Conditioning of Hardened Concrete Core Specimens & Compressive Strength Test *		
AS 1012.9, 14	Compressive strength (cylinders, cores, grout and mortar cubes) *		
AS 1012.11	Flexural strength tests ; Modulus of rupture *		
AS 1012.12.1	Mass per unit volume of hardened concrete ; Rapid method *		
AS 1012.12.2	Mass per unit volume of hardened concrete ; Water displacement method *		
AS 1012.4.3	Air content - Dispersed in water		
AS 1012.6	Bleeding		
AS 1012.8	Setting time of fresh concrete, mortar, grout-penetration resistance		
EN 12350-10	Testing self-compacting concrete L – Box test		
ASTM C1712	Rapid assessment of static segregation resistance of self-consolidating concrete using penetration test		

* NATA accredited

Form Code : MS40-4



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Test Method	Test Requested	No. of tests requested	Sample Location
AS 1141 Aggregates			
AS 1141.3.1	Sampling of aggregates		
AS 1141.4	Bulk density of aggregate		
AS 1141.5	Particle density and water absorption of fine aggregate		
AS 1141.6.1	Particle density and water absorption of coarse aggregate, weighing-in-water method		
AS 1141.6.2	Particle density and water absorption of coarse aggregate, pycnometer method		
AS 1141.11.1	Particle size distribution - Sieving method		
AS 1141.12	Material finer than 75µm (by washing)		
AS 1141.14	Particle shape by Proportional Caliper		
AS 1141.15	Flakiness index		
AS 1141.20.3	Average least dimension-Calculation (nomograph)		
AS 1141.18	Crushed particles in coarse aggregate derived from gravel		
AS 1141.21	Aggregate crushing value		
AS 1141.22	Wet/dry strength variation		
AS 1141.24	Aggregate soundness - Evaluation by exposure to sodium sulfate solution		
AS 1141.25.1	Degradation factor - Source rock		
AS 1141.25.2	Degradation factor - Coarse aggregate		
AS 1141.30.1	Coarse aggregate quality by visual comparison		
AS 1141.31	Light particles		
AS 1141.32	Weak particles in coarse aggregate		
AS 1141.34	Organic impurities other than sugar		
AS 1289 Soils			
Sampling and preparation of soils			
AS 1289.1.1	Preparation of disturbed soil samples for testing		
AS 1289.1.2.1	Disturbed samples - Standard method		
AS 1289.1.4.1	Site selection by random number method		
AS 1289.1.4.2	Site selection by Stratified random number method		
Soil moisture content tests			
AS 1289.2.1.1	Moisture content (oven drying)		
AS 1289.2.1.4	Microwave-oven drying method (subsidiary method)		
AS 1289.2.3.1	Establishment of correlation - Subsidiary method and the standard method		



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Test Method	Test Requested	No. of tests requested	Sample Location
Soil classification tests			
AS 1289.3.1.1	Liquid limit (Four point casagrande)		
AS 1289.3.1.2	Liquid limit (One point casagrande)		
AS 1289.3.2.1	Plastic limit - Standard method		
AS 1289.3.3.1	Plasticity index - Calculation		
AS 1289.3.3.2	Cone palsticity index - Calculation		
AS 1289.3.4.1	Linear shrinkage		
AS 1289.3.5.1	Particle density - Standard Method		
AS 1289.3.5.2	Particle density of combined soil fractions-vacuum pycnometer method		
AS 1289.3.6.1	Particle size distribution by sieving		
AS 1289.3.6.3	Particle size distribution - Hydrometer		
AS 1289.3.7.1	Sand equivalent of soil		
AS 1289.3.8.1	Emerson class number		
AS 1289.3.8.2	Percent dispersion		
AS 1289.3.9.1	Cone liquid limt of a soil		
Soil compaction and density tests			
AS 1289.5.1.1	Dry density/moisture content relation - Standard		
AS 1289.5.2.1	Dry density/moisture content relation - Modified		
AS 1289.5.3.1	Field density of a soil - Sand replacement		
AS 1289.5.4.1	Dry density ratio, moisture variation and moisture ratio		
AS 1289.5.4.2	Assignment of OMC and MDD		
AS 1289.5.7.1	Compaction control - Hilf method		
Soil strength and consolidation tests			
AS 1289.6.1.1	CBR - Remoulded specimens		
AS 1289.6.1.2	CBR - Undisturbed specimens		
AS 1289.6.3.2	Dynamic Cone Penetrometer test (DCP)		
AS 1289.7.1.1	Shrink swell index		
AS 1289.7.1.3	Core shrinkage index		

Please email completed form to : info@cmtlabs.com.au

Speciality Tests :

Many speciality tests can also be performed. Please contact CMT LABS for availability.