

Scope of Accreditation



ACCREDITATION NO: 18877

Pearce Geotech Pty Ltd

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FACILITIES: Public testing service

2.01 Establishment of annex facilities

2.16 Aggregates

- .02 Sampling of aggregates
 - AS 1141 3.1
 - Sampling from a stockpile, pavement, conveyor belt
- .13 Particle size distribution
 - AS 1141 11.1
 - Sieve analysis

2.18 Soils

- .01 Sampling
 - AS 1289 1.2.1
 - Disturbed sampling from a stockpile, earthwork, pavement
- .02 Site selection
 - AS 1289 1.4.1, 1.4.2
 - RC (Vic) Method 316.10
 - Site selection by random and stratified random number
- .03 Sample preparation
 - AS 1289 1.1
 - RC (Vic) Method 301.01, 301.05
 - Sample preparation; pretreatment by repeated compaction
- .11 Classification tests
 - AS 1289 2.1.1, 3.1.1, 3.1.2, 3.2.1, 3.3.1, 3.4.1, 3.6.1
 - RC (Vic) Method 326.01
 - Moisture content (drying oven); liquid limit (Casagrande); plastic limit; plasticity index; linear shrinkage; sieve analysis; weighted plasticity index
- .21 Chemical tests
 - AS 1289 4.3.1
 - pH
- .25 Dispersion tests
 - AS 1289 3.8.1
 - Emerson class number
- .32 Compaction tests
 - AS 1289 5.1.1, 5.2.1, 5.4.2, 5.5.1
 - Standard and modified compaction; assignment of OMC and MDD; minimum and maximum dry density
- .35 Field density tests
 - AS 1289 5.4.1, 5.6.1, 5.7.1, 5.8.1
 - RC (Vic) Methods 316.00, 316.14
 - Dry density ratio, moisture variation and moisture ratio; density index; compaction control - Hilf method; field density using a nuclear gauge; moisture ratio assessment of dry back

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- .42 Bearing strength tests
 - AS 1289 6.1.1
 - RC (Vic) Method 324.01
 - Bearing ratio (remoulded specimens); assignment of CBR and percent swell
- .46 Permeability tests
 - AS 1289 6.7.1, 6.7.2
 - Permeability (constant and falling head)
- .47 Strength and penetration field tests
 - AS 1289 6.3.2, 6.3.3
 - Penetration (dynamic-cone, Perth sand penetrometer)
- .61 Soil stabilization preparation methods
 - RC (Vic) Methods 301.03, 301.06
 - Preparation of lime and cement stabilised materials
- .62 Soil stabilization physical tests
 - RC (Vic) Method 330.03
 - Density decay correction factor for granular materials

2.24 Road Pavement and Surfaces

- .30 Surface characteristics
 - Austrroads method AGPT/T251
 - Ball embedment

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(Scope Last Changed 16/02/17)
