**Test** - Tester

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| **No.** | **Code / Spec Ref** | **Inspection Description** | **Test / inspection method** | **Acceptance Criteria** | **Frequency** | **Initiated by** | **Approved by** | **Verification / witness** | | | **Verifying document** | **Record Location** |
|  |  |  |  |  |  |  |  | **Supplier** | **HOL** | **Company** |  |  |
| ***1) Plant*** | | | | | | | | | | | | |
| 1.1 | AS1379 4.2.1 | Batch tolerances |  | AS1379 Table 4.1 | Each Batch | PS | PS |  | W |  | Electronic | Batch computer |
| 1.2 | HOL QMS PN6.1 | Record Plant Malfunctions |  | All plant mulfunctions are to be documented | Each Time | PS | AOM |  | W |  | Register | AOM office |
| 1.3 | AS1379.3.3.2 | Weigh Hopper (Cem & Agg) | AS1379 | ± 0.4% of the Max. Scale Value | VicRoads Min. 3 Monthly | PS | AOM |  | W |  | Calibration Report | Google |
| 1.4 | AS1379.3.4.2 | Water Meters (Plant, Slump Stands & Trucks) | TRBE652973 | ± 2% | VicRoads Min. 3 Monthly | PS | AOM |  | W |  | Calibration Report | Google |
| 1.5 | AS1379.3.4.2 | Admixtures | BASF TM033 | ± 5% | VicRoads Min. 3 Monthly | PS | AOM |  | W |  | Calibration Report | Google |
| ***2) Cementitous materials*** | | | | | | | | | | | | |
| 2.1 | AS1379.2.2 | Type GP cement | AS2350 | AS3972 Table 2 | Cement Australia Supplied (as per AS3972 Clause 5.2) | Supplier | Tech Mgr | W, R | W | H | Supplier test report | Tech Mgr office |
| BECA Cl 11.4.7,  11.24.5 | Reference Sample | - | - | Plant Sample : 10kg / 1000 tonnes | Supplier | Tech Mgr |  |  | W | Record only | Tech Mgr office |
| 2.2 | AS1379.2.2 | Flyash | AS3583 | AS/NZS3582.1 Table 1 - Grade 1 | Cement Australia Supplied (as per AS/NZS3582.1 Table 2) | Supplier | Tech Mgr | W, R | W | H | Supplier test report | Tech Mgr office |
| 2.3 | AS1379.2.2 | Slag | AS3583 | AS3582.2 Table 1 | Cement Australia Supplied (as per AS3582.2 Table 2) | Supplier | Tech Mgr | W, R | W | H | Supplier test report | Tech Mgr office |
| ***3) Coarse Aggregate*** | | | | | | | | | | | | |
| 3.1 | AS1379.2.3 | Particle Size Distribution | AS1141.11.1 | AS1379.2.3 | 1/1000 tonnes | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.2 | AS1379.2.3 | Flakiness Index | AS1141.15 | AS1379.2.3 | 1 per month | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.3 | AS1379.2.3 | Particle Density & Water Absorbtion | AS1141.6.1, AS1141.5 | AS1379.2.3 | 1 per 3 months | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.4 | AS1379.2.3 | Los Angeles Abrasion Index Value | AS1141.23 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |

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| 3.5 | AS1379.2.3 | Weak Particles | AS1141.32 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.6 | AS1379.2.3 | Wet/Dry Strength Variation | AS1141.22, AS2758.7 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.7 | AS1379.2.3 | Petrographic Analysis | ASTM C295 | AS1379.2.3 | 1 per 2 years | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.8 | AS1379.2.3 | Sodium Sulphate Soundness | AS1141.24 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 3.9 | BECA Cl 11.4.6.2 | Reference Sample | - | - | Once Only : 2 x 25kg samples of each coarse aggregate fraction | Supplier | Tech Mgr |  |  | W | Record only | Tech Mgr office |
| ***4) Fine Aggregate*** | | | | | | | | | | | | |
| 4.1 | AS1379.2.3 | Particle Size Distribution | AS 1141.11.1 | AS1379.2.3 | 1/1000 tonnes | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.2 | AS1379.2.3 | Sodium Sulphate Soundness | AS1141.24 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.3 | AS1379.2.3 | Particle Density & Water Absorbtion | AS1141.6.1, AS1141.5 | AS1379.2.3 | 1 per 3 months | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.4 | AS1379.2.3 | Petrographic Analysis | ASTM C295 | AS1379.2.3 | 1 per 2 years | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.5 | AS1379.2.3 | Sugar Content | AS1141.35 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.6 | AS1379.2.3 | Clay & Fine Silts | AS1141.33 | AS1379.2.3 | 1/1000 tonnes | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.7 | AS1379.2.3 | Organic Impurities | AS1141.34 | AS1379.2.3 | 1 per month | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.8 | AS1379.2.3 | pH Value | AS1289.4.3.1 | AS1379.2.3 | 1 per year | Supplier | Tech Mgr | W, R | W |  | Supplier test report | Tech Mgr office |
| 4.9 | BECA Cl 11.4.6.2 | Reference Sample | - | - | Once Only : 2 x 25kg samples of fine aggregate | Supplier | Tech Mgr |  |  | W | Record only | Tech Mgr office |

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|  |  |  |  |  |  |  |  | **Supplier** | **HOL** | **Company** |  |  |
| ***5) Water*** | | | | | | | | | | | | |
| 5.1 | AS1379.2.4 | Mains water |  | Main complies | Nil |  |  |  |  |  |  |  |
| 5.2 | AS1379.2.4 | Non mains water   * Sugar * Oil & grease * pH * Chlorides * Sulfates * Total suspended solids | AS1141.35 APHA 5520 AS1580.505.1 | 100 mg/L max  50 mg/L max  > 5  500 mg/L max  500 mg/L max  2000 mg/L max | 1 / 6 months | AOM | Tech Mgr |  | W |  | Lab report | Tech Mgr office |
| ***6) Admixtures*** | | | | | | | | | | | | |
| 6.1 | AS1379.2.5 | WR Admixture general acceptance | AS1478.2 | AS1478.1 Table 2.1 | Initial | Tech Mgr | Tech Mgr | W, R | W |  | Supplier report | Tech Mgr office |
| 6.2 | AS1379.2.5 | WR Admixture Uniformity test | AS1478.2 | AS1478 Cl 2.1.3  [Supplier specs for pH (+/- 1), Relative density (+/- 0.02), Non-volitle content (+/- 2%)] | MBCC Supplied (Each Batch) | Supplier | Tech Mgr | W, R | W |  | Test Reports | Plant |
| 6.3 | AS1379.2.5 | AEA Admixture general acceptance | AS1478.2 | AS1478.1 Table 2.1 | Initial | Tech Mgr | Tech Mgr | W, R | W |  | Supplier report | Tech Mgr office |
| 6.4 | AS1379.2.5 | AEA Admixture Uniformity test | AS1478.2 | AS1478 Cl 2.2.3  [Supplier specs for pH (+/- 1), Relative density (+/- 0.01), Non-volitle content (+/- 1%)] | MBCC Supplied (Each Batch) | Supplier | Tech Mgr | W, R | W |  | Test Reports | Plant |
| ***7) Transport*** | | | | | | | | | | | | |
| 7.1 | HOL QMS PN6.1 | Agitator blade inspection | - | Concrete Barrel Solution - No excess buildup, No excess wear | 1 / 3 months | PS | AOM |  | W |  | Inspection report | Plant |
| 7.2 | AS1379 3.5.1 (a) | Mixer uniformity test | AS1012 | AS1379 Appendix A Table A1 | Initial for agi type | Trans | Tech Mgr |  | W |  | Manufacturer report HOL test report | Tech Mgr office |

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