| **Client** | | Wollongong City Council | | | **ITP CHECKLIST FOR:**  **Asphalt (Roadways)** | **Work Area:** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Contract No. #** | |  | | | Pavement | |
| **Contract** | | West Dapto Road Upgrade (Stage 1) | | | ITC013 (ITP013) | |
| **Lot Details & No** | |  | | | **Underlying Lots:** | |
| Activity No.# | Description | | Requirements / Reference | Acceptance Criteria | |  | Comments / Attachments |
| 1 | **Road Occupancy** | | 1144 Cl 2.1 | * Obtain road occupancy license prior to commencing | |  |  |
| 2 | **Mix Design** | | 1144 Cl 1.7 | * **HOLD POINT: 10 days prior to mix production, submit the following:** * **Documentation for material type, source, proportions, test certificates and evidence of conformance for each constituent (agg, filler, binders etc)** * **Documentation and test certificates verifying the mix design meets the project requirements** * **Particle size distribution as a single grading and nominal size** * **Mix design to be selected from Clause 3.4 and contents to conform to Table 3.6** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 3 | **Test Certificates** | | 1144 Cl 1.7 | * **HOLD POINT: Submit test certificates for mix production 7 days prior to ordering materials** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 4 | **Trial Mix** | | 1144 Cl 1.7 | * Submit trial mix testing results for review and approval | |  | * Trial mix testing results |
| 5 | **Production Mix** | | 1144 Cl 1.7 | * Submit evidence of conformity to the approved mix design and mix properties for each production batch | |  | * Certificates of Conformity |
| 6 | **Low Temperatures** | | 1144 | * **HOLD POINT: 1 day prior to spreading, submit proposed procedures for spreading at low temperatures, if required** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 7 | **Joints** | | 1144 | * **HOLD POINT: 7 days prior to placing, submit a plan of joint locations** * **Provide longitudinal joints if the width requires more than one run** * **Transverse joints only to be used when required** * **Align joints with wearing course or traffic markings** * **Conform to requirements for hot, warm and cold joints** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 8 | **Surface Preparation** | | 1144 | * **HOLD POINT: 7 days prior to placing, notify the Principal for inspection of the following:** * **Completed surface preparation including repair of defects** * **Confirm base gravel is approved for surfacing to commence** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 9 | **Equipment Inspection** | | 1144 Cl 4.3 | * **WITNESS POINT: 1 day prior to equipment use, mix production or spraying, notify the Principal to inspect the following:** * **Asphalt production and delivery equipment condition** * **Spraying equipment condition and calibration** * **Mobile equipment condition** * **Do not use faulty plant or equipment** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 10 | **Placement and Compaction** | | 1144 Cl 4.4  1144 Cl 4.6  1144 Cl 3.8 | * Mixing temperatures to conform to Table in Clause 4.4 * Clear surface of deleterious materials before tacking and placing * Protect services and fixtures adjacent to surfacing area * Apply tack coat using bitumen emulsion to AS 1160, applied at the unform rate detailed in Clause 4.6 * Uniformly compact asphalt as soon as sufficiently cooled. Use vibrating or pneumatic tyred rollers for compaction | |  |  |
| 11 | **Testing** | | 1144 Cl 1.7 | * Provide test certificates verifying compliance with specified compaction requirements * Frequency of testing to conform to maximum lot size and minimum number of tests * Test for all characteristics | |  | * Test Certificates and Records |
| 12 | **Tolerances** | | 1144 Cl 1.6 & 4.7 | * Levels for each course of asphalt ±10mm * Average total compacted thickness of the combined asphalt courses ≥ documented thickness * Average thickness of any individual course ≥ documented thickness by more than 10% * Surface shape tolerance conforms to Table 1.6 * Density assessment to conform to Clause 4.7 | |  |  |
| 13 | **Daily Work Records** | | 1144 Cl 1.7 | * **WITNESS POINT: Submit to the Principal on the day of delivery, the asphalt work record as per Annexure 5.1 of 1144, along with delivery dockets** | |  | * **WITNESS POINT: \_\_\_\_\_\_\_** |
| 14 | **Spreading & Compaction** | | 1144 | * **HOLD POINT: Prior to commencing the next pavement lot or linemarking, notify the Principal to inspect the completed surface 2 days after compaction** | |  | * **HOLD POINT: \_\_\_\_\_\_\_** |
| 15 | **Asphalt Works Records** | | 1144 Cl 1.7 | * **WITNESS POINT: 7 days prior to finishing processes such as linemarking and placement of RPMs, submit to the Principal for inspection the following:** * **QA documentation of delivery, finishing and testing** * **Survey certificate showing surface level and thickness tolerance** * **Inspection record verifying finish, shape, alignment and width** * **Lot diagram with bounds** * **Updated lot register** | |  | * **WITNESS POINT: \_\_\_\_\_\_\_** |
| 16 | **Lot Package Closure** | | 1144 Cl 1.7 | * Provide lot package closure certificates confirming the following: * All inspections completed * All tests completed and recorded * All non-conformances notified * Open non-conformances recorded in defects register * Changes to design details reviewed, approved and recorded * Construction records and as-builts available online * Lot package closed | |  | * Lot package closure certificates |
| 17 | **Non-Conforming Sections** | | 1144 | * **WITNESS POINT: Provide the Principal with 1 day’s notice to inspect completed replacement and rectification of non-conforming sections prior to linemarking or opening to traffic (if applicable)** | |  | * **WITNESS POINT: \_\_\_\_\_\_\_** |

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| **QA ENGINEER / SPE / PE SIGN OFF** | | |
| Name | Signature | Date |