| **INSPECTION AND TEST PLAN FOR:**  **Sprayed bituminous surfacing**  **(with cutback bitumen)**  **(R106)** |
| --- |
|
|
|
|

| Activity No.# | | Description | Requirements / Reference | Acceptance Criteria | Frequency | Comments / Attachments / Records |
| --- | --- | --- | --- | --- | --- | --- |
|
| 1 | | **Safety Review** | Project Safety Plan | * All site personnel inducted (includes environment and cultural) * Required Safe Work Method Statements completed and signed * Subcontractor’s safety plan/procedure approved | Prior to commencing works |  |
| 2 | | **Environment** | Project Environment Plan  G36 G38  R44 cl 1.7 | * Installation of soil erosion and sedimentation controls completed in accordance with Soil and Water Specs. * Air quality to be visually monitored for dust etc. as a direct result of construction activities. | Prior to commencing works |  |
| 3 | | **Submission of nominated design** | R106 Cl 3.3 | * Submit to the Principal the nominated design together with certification for the nominated materials at least seven days prior to the commencement of sprayed bituminous surfacing works. * Include the following details in the submission: * (a) Each constituent material; * (b) Verification of conformity of the nominated materials; * (c) Endorsement. | 7 days prior to the commencement of sprayed bituminous surfacing works | * Submit nominated design for materials |
| 4 | **Endorsement** | R106 Cl 3.3.3 | * Submit a statement signed by you stating that each design and its constituent materials meet the requirements of Clauses 2 and 3. The statement must include NATA endorsed test results for all specified tests. Attach a copy of your completed verification checklist. * Submit documents referred to in clause 1.2.4 and the proposed bituminous surfacing design together with the certification for the nominated materials and design verification documentation at least seven days prior to the commencement of sprayed bituminous surfacing work. | 7 days prior to the commencement of sprayed bituminous surfacing work | **Hold Point** |
| 5 | **Review of nominated application rates** | R106 Cl 3.4 | * Select the locations where each Lot of aggregate is to be incorporated in the Works. * Review the bituminous surfacing design at each location based on the actual ALD test result for the actual aggregate to be used instead of the ALD value of the nominated aggregate and using the appropriate RMS 395 design form. The revised application rates are “target application rates”. * Prior to sprayed sealing work for each work location, submit aggregate lot details and target application rates. | Prior to sprayed sealing work for each work location | **Hold Point** |
| 6 | | **Work records** | R106 Cl 4.4 | * Record the particulars of the work performed on RMS Form 500A or 500C (as appropriate). Record details of primer, primer binder, binder and aggregate applied immediately after every sprayer run. Each form must be signed by your representative as a true record of the work performed. Supply the Principal with a copy of each completed form. | During undertaking of works |  |
| 7 | | **Sweeping and loose aggregate removal** | R106 Cl 9 | * After final sweeping and prior to the work being opened to traffic at the pre-existing signposted speed, the number of loose aggregate particles (per m 2) not including aggregate particles from any scatter coat, determined in accordance with Test Method RMS T277 must not exceed the values shown in Annexure R106/A. The test location must be representative of the section and as agreed by the Principal. Include the reporting system to be used to record test results of loose aggregate after final brooming in the PROJECT QUALITY PLAN. If values are not specified in Annexure R106/A, the values shown in Table R106.5 apply. * Areas where speed limits exceed 60 km/h and that are opened to traffic prior to final sweeping must have temporary speed zone ‘loose stones’ and ‘slippery’ warning signs and temporary 60 km/h speed zoning in place until the maximum allowable loose aggregate requirement is met.      * The following witness point will apply: * Prior to final sweeping and loose aggregate measurement prior to opening traffic, submit notification of the time and location prior to commencement | Prior to commencement of final sweeping and loose aggregate measurement | **Witness Point** |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **REVIEW BY PROJECT ENGINEER** | | | | | | | | | | | |
| Any non-conformances? | YES | NO | | Nos: | | | Closed Out | | YES | | NO |
| Other QA details – NCRs, CARs, Identified Records etc |  | | | | | | | | | | |
| All work has been satisfactorily completed. | | | YES | | | NO | | | | | |
| Name | | | | | Signature | | | Date | |  | |