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| **Process Step** | **Criteria/Test Method/Spec** | **Reference document** | **Record of conformity** | **Type of Record** | **Responsible Position** | **Acceptance/Comments**  Completed Not completed |
| 1. Underlying lot conformance (if applicable)   Lot No: ……. | Underlying lots conform to applicable specifications | Previous  Lot Record | Lot conformance | Record | Project engineer |  |
| 1. Check if traffic controls are in place |  Road Occupancy License Obtained if required.   Pedestrian and vehicular public traffic control planning measures established | G10.2.4 | Approved TCP | IP | Project engineer |  |
| 1. Painting Contractor Certification |  Works carried out by organization that is accredited to the “Painting Contractors Certification Program | R145.1.4 | Certification | IP | Project engineer |  |
| 1. Verify type of marking material as shown in drawings Waterborne paint thermoplastic paint Others ……………………… |  On concrete surfaces in the main carriageway and all local road – waterborne paint   Asphalt surface on the main carriageway – thermoplastic paint   Type as per relevant design drawings & R145 appendices   provide the RMS representative a list of material proposed for use and limitation to be used | R145.1.4  R145.2.1  AS 4049.3  AS 4049.2  3359  3360 | Verification Checklist | IP | Project engineer |  |
| 1. Verify the reflective glass beads conform to specs requirements | (APAS) Specification APS0042  Clause 6.2 “Heavy metal content”. Obtain evidence of compliance | R145.2.4 | Verification Checklist | IP | Project engineer |  |
| 1. Verify conformance of raised pavement markers & Adhesive |  Use only retroreflective raised pavement markers prequalified by the RMS. Prequalified retroreflective raised pavement markers are listed in ATD 2015/01   For new installation and complete replacement works, all markers must be identifiable for at least twelve months after the initial installation.   For the adhesive and RRPM (retroreflective raised pavement markers) provide a certificate of compliance verifying that the product complies with the specification, together with the results of the relevant tests. | R142.2.1  3354.7 | Verification Test Certificate | IP | Project engineer |  |
| 1. Sampling and Testing Plan | Submit to PV contractors proposed sampling plan for assessing the pavement marking | R145.5 | Sampling Plan | IP | Project engineer |  |
| Application |  | | | | | |
| 1. Prepare the Surface for marking |  The area to be marked is dry free of dirt, gravel, flaking and other loose foreign material   The area around making area is also clean to avoid tracking into the marking area   Curing compound on marking areas of concrete pavements is removed by grinding or blasting.   Surface is compatible to the new line marking materials. | R145.3.1 | Verification Checklist | IP | Project engineer |  |
| 1. Set out the works for installation of pavement markings / raised markers | Notification made to the Project Verifier that the setting out to pavement markings and markers have been done in according with the design drawings | R145.3.2.4 R142.3.1 | Hold Point | HP | PV/Project engineer |  |
| 1. Supervise the application of pavement marking / markers |  Paints and markers installed as per manufacturer’s recommendations   The same materials used with those nominated in the certifications   All longitudinal lines have been applied by the nominated machine unless approved by Independent Verifier   Markings are straight or with smooth, even curves where intended   Edges are clean sharp cut off   Markings uniform in appearance, texture, width & thickness & free from unbeaded areas   Beads uniformly applied onto the material immediately after it has been applied to the pavement & while the material is still molten   Retention of bead material is achieved   Markings are neat & free from traffic damage or other defects | R145.3.2.2  R145.3.4  R145.3.6  R145.4  R142.3  R142.4 | Verification Checklist | IP | Project engineer |  |
| 1. Field test of the paint performance. Provide the results of your testing to the Nominated Authority within 10 working days of carrying out the test |  Thickness of non-profile marking≤6mm   Dry Retroreflectivity: min.250 mcd/lux/m2 up to 20 days after opening to traffic.   Wet Retroreflectivity: min.80 mcd/lux/m2   Skid resistance: min. 40BPN   Colour change: min.3   Luminance factor: ≥S 2500-N   the pavement marking tested must be “70% of area intact” or better | R145.4  R145.5  AS 4049.5 | Test Report | TP | Project engineer |  |
| 1. Reinstatement of Pavement Markings After Road Works | Reinstate the pavement markings as soon as possible after road works where the pavement markings have been removed or damaged, to maintain the delineation for road safety purposes  Temporary raised pavement markers can be used for delineation for up to 10 days after opening to  traffic, after which the pavement markings must be reinstated. | R145 CL3.5,  R145 Cl 3.5.2 | ITP | IP | Project engineer |  |

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| REVIEW BY PROJECT MANAGER |  |
| Have tests passed? | YES/NO Test Report No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Is all testing as per specified frequency? | YES/NO |
| Are earthworks within location and level tolerances? | YES/NO |
| Have all RMS Hold Points been released? | YES/NO |
| Any nonconformances? | YES/NO Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ For Closed Out: YES/NO |
| All work has been satisfactorily completed. | YES/NO |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Manager \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |  |

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| **Prepared By:** | **Mohammed Almalome** | **Approved By:** |  | **Date Approved** |  |