**Inspection and test plan – Tactile Ground Surface Indicator (TGSI) Installation**

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| **Project no.** | | CC-0374 | **Project name** | Pakenham Roads Upgrade | | **Date** |  | **Approved by** | | Reuben Samuel |
| **ITP no.** | 1630-P200-SYM-QAC-ITP-0069 | | **Revision date** | 17/10/2024 | **Plant and equipment used** | | | |  | |
| **Lot no.** |  | | **Location (chainages, detailed description or marked up plan)** | | | | | |  | |

Attach Dockets, Certificates and QA Documents to ITP

|  |  |  |  |  | **Verification of acceptance by** | | | | | **Remarks/record (eg. Test frequency reports, certificates, checklist etc)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | **Symal** | | | **Superintendent** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Freq** | **Key** | **Resp** | **Initial/ date** | **Key** | **Sign/ date** |
| **1.0 Pre-start activities** | | | | | | | | | | |
| **1.1** | Material Conformance | AS1428.4.1  Fig 2.1  Fig 3.1  RDN 06-05 | Tactile indicators shall conform to the requirements of AS1428.4.1.  Tactiles shall be chosen from the DTP approved list per RDN 06-05  **Tactiles shall be approved by council representative where (if applicable).** | Prior to start of works | **H** | SE |  | **H** |  |  |
| **1.2** | Luminance-contrast testing | AS 1428.4.1 Cl 2.2 | Luminance-contrast testing shall be completed as per AS 1428.4.1 to confirm the selected TGSIs have a luminance-contrast to the base surface of not less than 30% | Prior to start of works | **H** | SE |  |  |  | ☐ Test Report |
| **2.0 Installation** | | | | | | | | | | |
| **2.1** | Set out | AS 1428.4.1 Cl 2.2  Cl 3.2 | TGSI’s shall be inspected prior to fixing to confirm the below tolerances are met:   * 300mm from face of kerb ± 10mm * TGSI base is a maximum 3mm above the ground surface. * Within 300mm of traffic signal push-buttons (where applicable). | Each Lot | **H** | SE |  |  |  |  |
| **2.2** | Tactile Install - Warning | AS1428.4.1  Cl 2.2 | Tactiles shall be installed:   * Perpendicular to the carriageway * To the full width of the path of travel * So that there is no likelihood of the edges lifting * In accordance with AS1428.4.1 and the IFC drawings | Each Lot | **H** | SE |  |  |  |  |
| **2.3** | Tactile Install - Directional | AS1428.4.1  Cl 3.2 | Tactiles shall be installed:   * Parallel to the required direction of travel * Along the centreline of the required direction of travel * So that there is no likelihood of the edges lifting * In accordance with AS1428.4.1 and the IFC drawings | Each Lot | **H** | SE |  |  |  |  |
| **3.0 Work Lot Close Out** | | | | | | | | | | |
| **3.1** | Product Non-Conformance | CQMP | All Product Non-Conformance(s) recorded and closed (if applicable) | Each lot | R | SE |  |  |  |  |
| **3.2** | Quality Representative to check the above criteria and records to confirm | CQMP  Lot Records | All above criteria met, and records identified attached. | Each lot | R | SE |  |  |  |  |

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| **Works complete (signer SE)** | |  | | | **Date works complete** | |  | | | |
| **Lot conforms (signer PE)** |  | | **Date lot closed** |  | | **NCR/s no. raised** | |  | **Date NCR closed for this lot** |  |

**Responsibility (Resp.) Key**: **PM**-Project Manager, **PE**-Project Engineer, **SE**- Site Engineer, **CS**-Civil Superintendent, **SS**-Site Supervisor, S**V**-Surveyor, **CR**-Client Representative

**NA –** Nominated Authority **SEST**- Symal Environmental Sustainability Team

**Inspection Key: W –** Witness, **H –** Hold Point, **S –** Surveillance, **R –** Review Point, **I –** Inspection Point