**Inspection and test plan – installation of guard rail**

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| **Project no.** | | CC-0388 | **Project name** | Shoalhaven Area Remediation of Multiple Slips | | | | | **Date** | |  | **Approved by** |  |
| **ITP no.** | SYM-0388-ITP-010 | | **Revision no.** | B | **Revision date** | 12/05/23 | **Plant and equipment used** | | |  | | | |
| **Site 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)** | |
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|  | |  |  |  |  | **Symal Infrastructure** | | **Shoalhaven City Council** | |
| **Item no.** | | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Sign date** | **Key** | **Sign date** |
| **1.0 Preliminaries** | | | | | | | | | | | |
| **1.1** | | Survey set-out | Construction drawings | Has the work area been set out for line and level? | Yes  No  N/A | S |  |  |  |  | |
| **2.0 Installation of guard rail** | | | | | | | | | | | |
| **2.1** | | Location and length | Construction drawings | Has length and location been confirmed with the Superintendent? | Yes  No  N/A | H |  | H |  |  | |
| **2.2** | | Material | Construction drawings | Galvanised steel components are compliance with the requirements of AS/NZS 4680.  Manufacturer certificates are provided to the client.  Visual inspection. | ☐ Yes ☐ No ☐ N/A | W |  | W |  | Material certificates | |
| **2.3** | | Install | Construction drawings | Has the guard rail run been installed as per the relevant specifications and drawings? | Yes  No  N/A | W |  | W |  | Subcontractors ITP | |
| **3.0 Completion** | | | | | | | | | | | |
| **3.1** | | Tolerances | TfNSW D&C R132 | Has the guard rail been installed to the specified tolerances?  (a) For height of barrier: ± 20 mm;  (b) For line of safety barrier system: ± 20 mm in plan view; and  (c) For departures from the upright axis (vertical or normal to the surface as applicable - see  Clause 4.1): ± 15 mm at the top of the barrier. | Yes  No  N/A | H |  | H |  |  | |
| **3.2** | | Certificate of compliance | TfNSW D&C R132 | Has a safety barrier compliance audit taken place with records of findings available? | Yes  No  N/A | S |  |  |  | Compliance certificate | |
|  | **Comments**: | | | | | | | | | |  |
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| **Site acceptance:** | | | | |
| Symal Infrastructure representative name |  |  | Shoalhaven City Council representative name |  |
| Symal Infrastructure representative signature |  |  | Shoalhaven City Council representative signature |  |

**Inspection key: W –** Witness Point, **H –** Hold Point, **S -** Surveillance