**Inspection and test plan – Kerb**

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| **Project no.** | CC0394 | **Project name** | Rangebank 200MW BESS | | **Date** | 10/07/2023 | | **RJE Approval** |  |
| **ITP no.** | CC0394 – ITP-011 | **Revision date** | 10/07/2023 | **Plant and equipment used** | | | Kerb Machine, Hand Tools | | |
| **Lot no.** |  | **Location (chainages, detailed description or marked up plan)** | | | | |  | | |

Attach Dockets, Certificates and QA Documents to ITP

|  |  |  |  |  | **Verification of acceptance by** | | | | | | | **Remarks/record (e.g. Test frequency reports, certificates, checklist etc.)** | |
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|  |  |  |  |  | **Symal** | | | **RJE Ltd.** | | | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Resp** | **Initial/ date** | **Key** | **Resp** | **Sign/ date** |  | |
| **1.1** | **Survey Set-out** | IFC Drawings | Prior to the commencement of works, the contractor shall engage a suitably qualified surveyor to set out the works and clearly mark its limits. | Yes  No  N/A | W | SE |  |  |  |  | Work Lot Map | |
| **1.2** | **Approved Material Type** | IFC Drawings | Approved kerb mix:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Yes  No  N/A | H | SE |  |  |  |  |  | |
| **1.3** | **Preparation of Bedding** | AS2876 | Where kerb is constructed over pavement layers, bedding shall be provided between the pavement layer & the underside of the edging, or the edging thickened to match the pavement layer.  Where edgings are not constructed over pavement layers, bedding shall be greater than 100mm compacted thickness. | Yes  No  N/A | S | SE |  |  |  |  |  | |
| **1.4** | **Air Temperature** | AS2876 | Concrete shall not be mixed when the temperature is lower than 5⁰C or greater than 35⁰C. | Yes  No  N/A | S | SE |  |  |  |  |  | |
| **1.5** | **Concrete Placement** | AS3610  AS2876 | Concrete shall be thoroughly compacted by means of continuous tamping & internal vibration shall be worked around any embedment’s & into corners of formwork to produce a dense concrete free from voids, honeycombing, segregation, or surface defects.  Concrete shall be finished to ensure a smooth surface with a uniform colour & appearance, & screeded to achieve the specified level, dimensions, falls & tolerances. | Yes  No  N/A | S | SE |  |  |  |  |  | |
| **1.6** | **Joints** | AS3610  AS2876 | Transverse joints shall be constructed at regular intervals not exceeding 3m. For extruded edgings this shall be done by a method which does not damage or distort the adjacent surfaces.  6mm saw cut joints within 24-72hrs post pour  Sikaflex polyurethane joint sealant or equivalent used to fill saw cuts. | Yes  No  N/A | S | SE |  |  |  |  |  | |
| **1.7** | **Completion of Works** | IFC Drawings | Correct kerb type installed as per IFC drawings.  Line & level confirmed at time of pour. | Yes  No  N/A | H | SE |  |  |  |  |  | |

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| **Works complete (signer SS)** |  | | | **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

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