**Inspection and test plan – Concrete Pavements & Crossovers**

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| **Project no.** | **CC0394** | **Project name** | Rangebank 200MW BESS | | **Date** |  | **RJE Approval** |  |
| **ITP no.** | CC0394-ITP-06 | **Revision date** | 10/07/2023 | **Plant and equipment used** | | | Agi’s, Vibrator, 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** |  |
| **1.0 Planning** | |  | | |  |  |  |  | |  |  |  |  | | | | | | | |
| **1.1** | | **Determine Lot Size** | |  | Day’s Productivity | | | | | See Work Lot Map  Yes  No  N/A | | | | |  | SE |  |  |  |  | Work lot map attached |
| **1.2** | | **Survey Set-out** | | IFC Drawings | Has the work area been set out for line and level?  Preceding pavement layer has been picked up and confirmed within tolerance. | | | | | Yes  No  N/A | | | | | W | SE |  |  |  |  |  |
| **1.3** | | **Confirm Pavement Type** | | IFC Drawings | Confirm pavement type/s within the work lot, and the concrete pavement depth associated. | | | | | Pavement Type:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Pavement Depth:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | H | SE |  |  |  |  |  |
| **1.4** | | **Confirm Concrete Strength & Colour Required** | | IFC Drawings | Confirm correct concrete mix in use prior to commencement of pour. | | | | | Concrete mix:  Strength:  Slump:  Aggregate size:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | H | SE |  |  |  |  | Docket attached  Pre-pour inspection checklist |
| **2.0 Construction** | |  | | |  |  |  |  | |  |  |  |  | | | | | | | |
| **2.1** | | **Preparation of Subgrade and Base Pavement** | | IFC Drawings | Subgrade trimmed and compacted prior to prior to placement of successive pavement layers.  Subbase placed and compacted to the correct line and level. Confirm compaction and tolerance prior to commencement. | | | | | Yes  No  N/A | | | | | S | SE |  |  |  |  | QA for preceding pavement layers complete |
| **2.2** | | **Install Reinforcement** | | IFC Drawings | Reinforcement installed as per IFC Drawings, City of Casey Standard Drawings and Specifications.  Client to confirm prior to commencement of pour. | | | | | Yes  No  N/A | | | | |  |  |  | H | Client |  | Pre-pour inspection checklist |
| **2.3** | | **Concrete Pour** | | IFC Drawings | Confirm via delivery dockets that concrete is in accordance with that listed above.  Contractor shall place concrete to avoid segregation. The placing of concrete in a section shall be carried on continuously until that section is completed. | | | | | Yes  No  N/A | | | | | S | SE |  |  |  |  | Docket attached |
| **2.4** | | **Jointing** | | IFC Drawings | All jointing/saw cutting completed in accordance with IFC Drawings and relevant Specification.  Joint placement to be confirmed on site. | | | | | Yes  No  N/A | | | | | S | SE |  |  |  |  |  |
| **2.5** | | **Concrete Testing** | | IFC Drawings | 1 sample to be taken per 50m3 placed.  3 cylinders to be taken per sample. | | | | | Yes  No  N/A | | | | | S | SE |  |  |  |  |  |
| **3.0 Conformance Check** | | | | |  | | | | |  | | | | |  |  |  |  |  |  |  |
| **3.1** | | **Finish** | | IFC Drawings | Confirm finish is in accordance with IFC Drawings and specification | | | | | Finish Type:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | S | SE |  |  |  |  |  |
| **3.2** | | **Visual Inspection** | | IFC Drawings | Do not cover or conceal work until it has been inspected by Symal. | | | | | Yes  No  N/A | | | | | H | SE |  |  |  |  |  |
| **3.3** | | **As-Builts** | | IFC Drawings | As-built survey of work lot attached.  All points within tolerance. | | | | | Yes  No  N/A | | | | |  |  |  | H | Client |  | As-Built Attached |

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| **Works complete (signer SS)** | |  | | | **Date works complete** | |  | | | |
| **Lot conforms (signer SE)** |  | | **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