**Inspection and test plan – Crushed Rock Pavement Construction**

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| **Project no.** | **CC0394** | **Project name** | Cranbourne 200MW BESS | | **Date** | **10/07/2023** | | **RJE Approval** |  |
| **ITP no.** | CC0394-ITP-005 | **Revision date** | 10/07/2023 | **Plant and equipment used** | | | Excavator, Tandems, Rollers, Watercart, Posi-Track | | |
| **Lot no.** |  | **Location (chainages, detailed description or marked up plan)** | | | | | see lot map attached. | | |

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** | **Sign/ date** | **Key** | **Sign/ date** |  |
| **1.1** | **Determine Lot Size** |  | What is the lot size? | \_\_\_\_\_\_\_\_\_ m2  Maximum lot size = See pre-approved lot maps |  | SE |  |  |  |  | Work Lot Map |
| **1.2** | **Survey Set-out** | IFC Drawings | Has the work area been set out for line and level? | Yes  No  N/A | W | SE |  |  |  |  |  |
| **1.3** | **Material Classification & Source** | IFC Drawings | Is the correct material being used? | Yes  No  N/A  Please tick appropriate Box:  Site Won  20mm Class 2  20mm Class 3  20mm Class 4  Other \_\_\_\_\_\_\_\_\_\_\_ | H | SE |  |  |  |  |  |
| **2.1** | **Conformance of Previous Layer** | IFC Drawings | Has the previous layer passed acceptance criteria? | Yes  No  N/A | W | SE |  |  |  |  | o Refer to ITP for previous layer |
| **3.1** | **Placement** | IFC Drawings | Has the fill been placed in a maximum compacted layer as outlined below?  Maximum Layer Depth: 200mm | Yes  No  N/A | S | SE |  |  |  |  |  |
| **3.2** | **Moisture** | IFC Drawings | Has the material maintained at optimum moisture content (>85%), with additional water being added if required during compaction? | Yes  No  N/A | S | SE |  |  |  |  |  |
| **3.3** | **Compaction** | IFC Drawings  Civil Specification | Has the layer been adequately compacted achieving a mean value density ratio of:   * **Lower Subbase:** 98% Std * **Upper Subbase:** 95% Mod   3 x tests to be conducted per compacted layer per approved lot map. | Yes  No  N/A | W | SE |  |  |  |  | Compaction test results |
| **3.4** | **Test Rolling** | IFC Drawings | Does the layer withstand test rolling without visible deformation of springing?  List attendees: | Yes  No  N/A  If ‘no’, please see sections 3.5 and 3.6.  If ‘yes’, proceed to section 4.0. | H | SE |  |  | W |  |  |
| **3.5** | **Identification of soft, wet or unstable material** |  | What quantity of soft, wet or unstable material is present? | \_\_\_\_\_\_\_\_\_ m |  | SE |  |  |  |  |  |
| **3.6** | **Treatment of unsuitable material** |  | Has rectification process been submitted for review?  What was the rectification process used? | Yes  No  N/A  Process Used:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | SE |  |  |  |  |  |
| **4.1** | **Pavement Finish** |  | Has the pavement course been finished to a smooth and uniform surface? | Yes  No  N/A | W | SE |  |  |  |  |  |
| **4.2** | **Width & Alignment** |  | Has the pavement been constructed at the correct width and alignment as detailed in the construction drawings? | Yes  No  N/A | W | SE |  |  |  |  |  |
| **4.3** | **Surface Level of Pavement Courses** |  | Has the prepared layer been surveyed in accordance with and verifying specified requirements?  **All crushed rock layers:**  Mean Range: +10mm to -10mm | Yes  No  N/A | H | SE |  |  | H |  | As-Built Reports |

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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