|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| Project Scope: **FRP** | | | Ref: **RR-SEPD-BESS-ITP-004** |
| Project: **BESS** **Alinta Wagerup Peaking Power Station** | | | Revision: **00** |
| ITP Description: **Sheet Piling** | | | |
| Work Pack number: **RR-SEPD-CI-SOW-004-00** | | | |
| Client: **SEPD** | | | |
|  | | | |
| Prepared By: | Sign & Date: | Reviewed & Approved By: | Sign & Date: |
| **Juan Orozco – Project Engineer** | A close up of a logo  Description automatically generated | **Ronan Egan – Project Manager** |  |
|  | | | |
| Reviewed & Approved By: | Sign & Date: | Reviewed & Approved By: | Sign & Date: |
| **Artur Krupinski - Project Controls** | A black text on a white background  Description automatically generated | **Jake Scott – Site Supervisor** | A signature on a white surface  Description automatically generated |
|  | | | |

|  |  |
| --- | --- |
| Definitions | |
| Hold Point | A point beyond which a work process **must not proceed** without the nominated authority’s express authorization. |
| Witness Point | A point in a work process where the Contractor must give prior notice to the nominated authority and the option of attendance may be exercised by the nominated authority. |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Responsibility | | Method | | Frequency | | Verification Requirement | |
| SUP | Supervisor | I | Inspection | PW | Prior to works | HP | Hold Point |
| SE | Site Engineer | R | Review | PL | Per lot | WP | Witness Point |
| PE | Project Engineer | S | Survey |  |  | M | Milestone |
| SPE | Senior Project Engineer | T | Test |  |  | V | Verification |
| PM | Project Manager |  |  |  |  | NA | Not Available |
| SV | Surveyor |  |  |  |  |  |  |
| QM | Quality Manager |  |  |  |  |  |  |
| QR | Quality Representative |  |  |  |  |  |  |
| ER | Environmental Representative |  |  |  |  |  |  |
| IV | Independent Verifier |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Contractor Name** | ROBAR Rentals | ITP no. | RR-SEPD-BESS-ITP-004-00 |
| **Responsible Engineer** | Juan Orozco | Work Pack no. | RR-SEPD-CI-SOW-004-00 |
| **Responsible Supervisor** | Jake Scott | | |
| **Location** |  | | |
| **Description** |  | | |

| Item no. | Inspection/Test Point | Responsibility | Specification Reference | Conformance Criteria Summary | Method | Frequency | Reviewer | Hold/Witness Point Requirements | | | Records or Checklist Document Number |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ROBAR | SEPD | Client |
| Section 1: Preliminaries | | | | | | | | | | | |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 1.1 | Review of approved construction drawings and specifications | SE/PE | WBS-SS-CI-SPC-0007 | Approved IFC drawings and project specifications available on-site | R | PW |  | V | NA | NA | IFC Drawings |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 1.2 | Site condition check and access preparation | SE/PE | WBS-SS-CI-SPC-0007 | Site cleared, accessible, and suitable for sheet piling works | R | PW |  | V | NA | NA |  |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 1.3 | Site safety induction and toolbox talks | SE/PE | WBS-SS-CI-SPC-0007 | All personnel inducted and briefed on safety, site-specific risks | R | PW |  | V | NA | NA | Site inductions records |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 1.4 | Inspection of plant and equipment (e.g., excavator, vibro head) | SE/PE | WBS-SS-CI-SPC-0007 | All equipment calibrated and operational | R | PW |  | V | NA | NA | Calibration/Pre-start |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
| Section 2: Piling Works | | | | | | | | | | | |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 2.1 | Verification of work permits | SE/PE | WBS-SS-CI-SPC-0007 | All necessary permits for works are in place (GDA/GDP) | R | PL |  | V | V | NA | GDA/GDP |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 2.2 | Review of material, certificates & technical specifications | SE/PE | WBS-SS-CI-SPC-0007 | Verify mill certificates & compliance with AS 2159 | R | PW |  | HP | HP | NA | Product certificate of compliance |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 2.3 | Surveying of centre line of points for sheet pile(s). | SE/PE | WBS-SS-CI-DRG-0251 | Confirm correct position as per drawings | R | PW |  | HP | HP | NA | TWD  FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 2.4 | Installation Monitoring | SE/PE | WBS-SS-CI-SPC-0007  AS 2159  Manufacturer’s Technical Data | Monitor driving sequence, depth and alignment | R | PW |  | HP | HP | NA | IFC Drawings  FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 2.5 | Check vertical alignment during driving of sheet pile, and adjust if required | SE/PE | WBS-SS-CI-SPC-0007 | Correct positioning of all embedded items as per drawings | R | PW |  | WP | WP | NA | IFC Drawings FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 2.6 | Ensure sheet piles are interlocked effectively as per technical specifications | SE/PE | WBS-SS-CI-DRG-0251  AS 2159  Manufacturer’s Technical Data | Batch plant adheres to mix design, and delivery meets timing requirements | R | PW |  | V | NA | NA | FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
| Section 3: Final Inspection | | | | | | | | | | | |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 3.1 | Pile Verticality Check | SE/PE | WBS-SS-CI-DRG-0251 | Ensure piles are plumb and no gaps or misalignment | S | PL |  | V | V | NA | FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 3.2 | As-Built Survey | SE/PE | WBS-SS-CI-DRG-0251 | Confirm final location, depth & alignment | R | PL |  | V | V | NA | FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 3.3 | Engineer’s Final Sign-Off | SE/PE | WBS-SS-CI-SPC-0007  AS 2159 | Ensure compliance with design | R | PL |  | WP | WP | NA | FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |
|  | | Remarks / NCR No. / HP No. / RFI No. / Notice Date | | | | | | | | | |
| 3.5 | Final inspection and acceptance | SE/PE | WBS-SS-CI-SPC-0007 | Finished levels, dimensions within tolerances | R | PL |  | V | V | NA | FIC |
| Date |  |  |  |
| Name |  |  |  |
| Signature |  |  |  |

**Document sign-off**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Close-out | | | |
| Company | Name | Position | Signature | Date (DD/MM/YYYY) |
| ROBAR |  |  |  |  |
| SEPD |  |  |  |  |