# BESS Alinta Wagerup Peaking Power Station

*Field Inspection Checklist – Sheet Piling*

# Document Number: **RR-SEPD-BESS-FIC-004**

# Document Information

|  |  |
| --- | --- |
| **Checklist title** | **Concrete Retaining Walls** |
| **Checklist No** | RR-SEPD-BESS-FIC-004 |
| **Lot Description** |  |
| **Revision no.** | 00 |
| **Revision Date (DD/MM/YYYY)** |  |
| **Description of Changes** | First Issue |

# Document Review

|  |  |  |  |
| --- | --- | --- | --- |
| **Prepared by:** | | | |
| **Responsibility** | **Name** | **Signature** | **Date (DD/MM/YYYY)** |
| **Drafted by (Engineer)** | Shaun Pham | A close up of a logo  Description automatically generated | 30/01/2025 |
| **Reviewed by (Supervisor)** | Jake Scott | A close up of a signature  Description automatically generated | 30/01/2025 |
| **Approved by (Manager)** | Artur Krupinski |  | 31/01/2025 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Part 1 – Preliminaries (photos where applicable)** | | | | | | |
| **Inspection/Test item** | | **Acceptance Criteria** | **Specifications/Drawings Reference** | **(Yes/No/NA)** | **Initial & Date** | |
| **ROBAR** | **SEPD** |
| 1.1 | Review of approved construction drawings and specifications | All drawings and specifications approved and up to date | WBS-SS-CI-SPC-007 |  |  |  |
| 1.2 | Verification of permits | All relevant permits (GDA/GDP) in place | GDA/GDP |  |  |  |
| 1.3 | Site access and safety preparation | Site access cleared and made safe | WBS-SS-CI-SPC-007 |  |  |  |
| 1.4 | Safety inductions and toolbox talks | All personnel inducted; safety briefings completed | Induction record |  |  |  |
| 1.5 | Environmental controls in place | Vibration monitors installed and functioning | SEPD environmental requirements |  |  |  |
| **Part 2 – Survey (photos where applicable)** | | | | | | |
| **Inspection Acceptance** | | **Acceptance Criteria** | **Specifications/Drawings Reference** | **(Yes/No/NA)** | **Initial & Date** | |
| 2.1 | Set-out of sheet wall location | Sheet wall set-out conforms to approved design coordinates | Site Layout Drawings, Survey Plan |  |  |  |
| 2.2 | Level and alignment check | Levels and alignment of survey points and position verified | WBS-SS-CI-SPC-0007, Survey Report |  |  |  |
| 2.3 | As-built survey after sheet pile install | Survey to confirm sheet wall position | As-Built Drawings, Survey Report |  |  |  |
| **Part 3 – Installation process (photos where applicable)** | | | | | | |
| **Inspection Acceptance** | | **Acceptance Criteria** | **Specifications/Drawings Reference** | **(Yes/No/NA)** | **Initial & Date** | |
| 3.1 | Pile alignment | Ensure proper interlocking and vertically during driving | AS 2159  Project specifications |  |  |  |
| 3.2 | Driving Logs | Record depth, energy, and any obstructions encountered | AS 2159  WBS-SS-CI-SPC-0007 |  |  |  |
| 3.3 | Vibration Monitoring | Ensure limits comply with environmental requirements | AS 4671  WBS-SS-CI-SPC-0007 |  |  |  |
| **Part 4 – Quality control (photos where applicable)** | | | | | | |
| **Inspection Acceptance** | | **Acceptance Criteria** | **Specifications/Drawings Reference** | **(Yes/No/NA)** | **Initial & Date** | |
| 4.1 | Verticality Check | Confirm deviation tolerance | Safety Plan  WBS-SS-CI-SPC-0007 |  |  |  |
| 4.2 | Interlock Inspection | Verify no gaps or misalignment | AS 2159  Delivery dockets |  |  |  |
| **Part 5 – Post-Installation & Handover**  **(photos where applicable)** | | | | | | |
| **Inspection Acceptance** | | **Acceptance Criteria** | **Specifications/Drawings Reference** | **(Yes/No/NA)** | **Initial & Date** | |
| 5.1 | As-Built Survey | Confirm final location, depth, and alignment | AS 2159  WBS-SS-CI-SPC-0007 |  |  |  |
| 5.2 | Cleanup & Debris Removal | Ensure worksite is left in clean and safe condition | AS 2159  WBS-SS-CI-SPC-0007 |  |  |  |
| 5.3 | Engineer’s Sign-Off | Obtain approval for compliance with design | WBS-SS-CI-SPC-0007 |  |  |  |

# Document sign-off

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Final sign-off** | | | | |
| **Company** | **Name** |  | **Signature** | **Date (DD/MM/YYYY)** |
| **ROBAR** |  |  |  |  |
| **SEPD** |  |  |  |  |