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Project Scope: Earthworks		Ref: RR-SEPD-BESS-ITP-002	
Project: BESS Alinta Wagerup Peaking Power Station		Revision: 02	
ITP Description: Concrete slabs for retaining wall			
Work Pack number: RR-SEPD-CI-SOW-002-01			
Client: SEPD			
Prepared By:	Sign & Date: 08/10/2024	Reviewed & Approved By:	Sign & Date: 08/10/2024
Juan Orozco – Project Engineer		Ronan Egan – Project Manager	
Reviewed & Approved By:	Sign & Date: 08/10/2024	Reviewed & Approved By:	Sign & Date: 08/10/2024
Artur Krupinski - Project Controls		Jake Scott – Site Supervisor	

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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						

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Contractor Name	ROBAR Rentals	ITP no.	RR-SEPD-BESS-ITP-002-01
Responsible Engineer	Juan Orozco	Work Pack no.	RR-SEPD-CI-SOW-002-01
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 concrete slab works	R	PW		V	NA	NA	
							Date				
							Name				

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								ROBAR	SEPD	Client	
							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., concrete pump, vibrators)	SE/PE	WBS-SS-CI-SPC-0007	All equipment calibrated and operational	R	PW		V	NA	NA	Calibration/P re-start
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
1.5	Foundation preparation	SE/PE	Geotechnical report/memo/geotechnical engineer's specifications	Compaction test reports/geotechnical engineer's specifications	R	PW		V	V	NA	Calibration/P re-start
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									

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								ROBAR	SEPD	Client	
Section 2: Pre-pour preparations											
		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 concrete works 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	Blinding concrete installation	SE/PE	WBS-SS-CI-SPC-0007 Design drawings	Approved mix design	R	PL		V	V	NA	FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.3	Review of concrete mix design and	SE/PE	WBS-SS-CI-SPC-0007	Approved mix design, material certificates compliant with AS 1379	R	PW		HP	HP	NA	Product certificate of compliance
							Date				
							Name				

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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	
	material certificates						Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.4	Formwork inspection – alignment, cleanliness, and dimensions	SE/PE	WBS-SS-CI-SPC-0007	Formwork in line with drawings, clean, and dimensionally correct	R	PW		HP	HP	NA	TWD FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.5	Reinforcement inspection (size, spacing, placement, cover)	SE/PE	WBS-SS-CI-SPC-0007 AS 4671	Correct bar size, spacing, reinforcement securely tied, adequate cover	R	PW		HP	HP	NA	IFC Drawings FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.6	Verify waterproofing membrane	SE/PE	WBS-SS-CI-SPC-0007	Membrane installed as per drawings/specs	R	PW		WP	WP	NA	IFC Drawings FIC
							Date				
							Name				

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								ROBAR	SEPD	Client	
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.7	Re-entrant bars (starter bars) and corner reinforcement	SE/PE	WBS-SS-CI-SPC-0007	Correct positioning of all embedded items per drawings	R	PW		WP	WP	NA	IFC Drawings FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.8	Concrete batch plant inspection	SE/PE	AS 1379	Batch plant adheres to mix design, and delivery meets timing requirements	R	PW		V	NA	NA	FIC
							Date				
							Name				
							Signature				
Section 3: Concrete placement											
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.1		SE/PE	WBS-SS-CI-SPC-0007	Batch delivery dockets match approved mix	-	PL		WP	WP	NA	Delivery dockets
							Date				

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								ROBAR	SEPD	Client	
	Pre-pour concrete delivery inspection		AS 1379				Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.2	Slump test at site (conformance to mix design)	SE/PE	AS 1012	Slump within specified range (e.g., 100mm +/- 20mm)	-	PL		HP	HP	NA	Lab test report
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.3	Concrete placement and compaction	SE/PE	WBS-SS-CI-SPC-0007	Concrete placed within formwork, no segregation, fully compacted	-	PL		V	V	NA	Pour record
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.4	Cylinder samples for compressive strength testing	SE/PE	AS 1012	Minimum of 12 cylinders in total for 7, 14, 28-day tests	-	PL		HP	HP	NA	Lab test report
							Date				
							Name				

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							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.5	Concrete temperature monitoring	SE/PE	WBS-SS-CI-SPC-0007	Temperature within acceptable range	T	PL		HP	HP	NA	Pour record
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.6	Placement monitoring – free-fall limit	SE/PE	WBS-SS-CI-SPC-0007 AS 3600	Concrete poured with a maximum free-fall height of 1.8m to avoid segregation	T	PL		V	V	NA	FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.7	Vibration and compaction monitoring	SE/PE	WBS-SS-CI-SPC-0007 AS 3600	Concrete properly compacted with vibrators, no voids or segregation	T	PL		V	V	NA	FIC
							Date				
							Name				

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							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.8	Concrete curing	SE/PE	WBS-SS-CI-SPC-0007 FRP section 4.25.11 AS 3600	Concrete curing per approved concrete curing method statement	T	PL		V	V	NA	FIC
							Date				
							Name				
							Signature				
Section 4: Final Inspection											
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.1	Surface finishing (Class of finish per AS 3610)	SE/PE	WBS-SS-CI-SPC-0007 AS 3610	Class 5 finish for surfaces that are not visible after construction	S	PL		V	V	NA	FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.2	Curing procedure inspection	SE/PE	WBS-SS-CI-SPC-0007 AS 3799	Curing compound applied or wet curing in place	R	PL		V	V	NA	FIC
							Date				
							Name				

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							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.3	Formwork stripping and post-pour inspection	SE/PE	WBS-SS-CI-SPC-0007 AS 3610	Formwork removed at required strength, surface defects repaired	R	PL		WP	WP	NA	FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.4	Compressive strength test results	SE/PE	AS 1012	Compressive strength >32 MPa at 28 days	R	PL		HP	HP	NA	Lab test report
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.5	Final inspection and acceptance of slab	SE/PE	WBS-SS-CI-SPC-0007	Surface levels, dimensions, and finish within tolerances	R	PL		V	V	NA	FIC
							Date				
							Name				

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							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.6	Joint Inspections	SE/PE	WBS-SS-CI-SPC-0007	Expansion and contraction joints installed per design drawings	R	PL		V	V	NA	FIC
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.7	Post-cure inspections for shrinkage and cracking	SE/PE	WBS-SS-CI-SPC-0007	Inspection for early shrinkage cracks and proper curing continuation	R	PL		V	V	NA	FIC
							Date				
							Name				
							Signature				

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Document sign-off

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

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