







**ROBAR
RENTALS**
ABN: 59 602 907 773

INSPECTION & TEST PLAN ELECTRICAL TRENCHING

Unit D4, 5 Grevillea Place
Brisbane Airport QLD, 4008
ph: 1300 624 027
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Project Scope: Electrical trenching				Ref: RR-SEPD-BESS-ITP-003	
Project: BESS Alinta Wagerup Peaking Power Station				Revision: 00	
ITP Description: Electrical trenching					
Work Pack number: RR-SEPD-CI-SOW-003-01					
Client: SEPD					
Prepared By:		Sign & Date: 20/11/2024		Reviewed & Approved By:	
Juan Orozco – Project Engineer				Ronan Egan – Project Manager	
					
Reviewed & Approved By:		Sign & Date: 20/11/2024		Reviewed & Approved By:	
Artur Krupinski - Project Controls				Craig Stein – 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-003-00
Responsible Engineer	Juan Orozco	Work Pack no.	RR-SEPD-CI-SOW-001-01
Responsible Supervisor	Craig Stein		
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 & Permits											
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
1.1	Pre-Excavation Site Inspection	SE/PE	WBS-SS-CI-SPC-0006	Work area is clear, utilities and exclusion zones are clearly marked, permits are approved.	R	PW		V	NA	NA	IFC Drawings
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
1.2	Permit approval (GDA/GDP)	SE/PE	WBS-SS-CI-SPC-0006	Approved excavation permit (GDP) prior to commencing works	R	PW		HP	HP	NA	RR-SEPD-CI-SOW-002-01
							Date				
							Name				



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								ROBAR	SEPD	Client	
							Signature				
Remarks / NCR No. / HP No. / RFI No. / Notice Date											
1.3	Site set-out	SE/PE	WBS-SS-CI-SPC-0006	Verify levels, site boundaries, and physical bounds per IFC drawings	R	PW		V	NA	NA	IFC Drawings
							Date				
							Name				
							Signature				
Remarks / NCR No. / HP No. / RFI No. / Notice Date											
1.4	Sediment control plan	SE/PE	WBS-SS-PM-PLN-0024 WAE230103-03-003 TM Rev0	Sediment control measures in place	R	PW		V	NA	NA	SEPD environmental plan
							Date				
							Name				
							Signature				
Remarks / NCR No. / HP No. / RFI No. / Notice Date											
1.5	Dust control plan	SE/PE	PP3 section 1.5 and section 4.1	Dust control measures in place	R	PW		V	NA	NA	SEPD environmental plan
							Date				
							Name				
							Signature				



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Section 2: Materials											
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.1	Import fill material inspection	SE/PE	WBS-SS-CI-SPC-0006	Material certificate and test report for particle size distribution, moisture content, MMDD	R	PW		V	V	NA	Material certificates
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
2.2	Verify suitable foundation material (compaction >92% MMDD)	SE/PE	WBS-SS-CI-SPC-0006	Geotechnical test results showing compliance	R	PW		HP	HP	NA	Test results
							Date				
							Name				
							Signature				
Section 3: Electrical trenching											
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.1	Excavation to subgrade – verify lines, depth and dimensions	SE/PE	WBS-SS-CI-SPC-0006	Compliance with design drawings and subgrade preparation	-	PL		V	V	NA	IFC Drawings
							Date				
							Name				
							Signature				

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		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.2	Stockpiling of excavated material – manage and segregate by type	SE/PE	WBS-SS-CI-0006	Material stockpiled appropriately, no cross contamination	I	PL		V	V	NA	SEPD environmental plan
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.3	Base preparation	SE/PE	WBS-SS-CI-0006	Base is level, compacted, and free of debris; compaction meets project specs.	I	PL		V	V	NA	
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.4	Initial backfilling and compaction	SE/PE	WBS-SS-CI-0006	Backfill material compacted in 150mm layers to required thickness Material shall be placed to a depth of 150mm above the collars of pipes or conduits, 300mm above pipes and 600mm above culverts	I	PL		V	V	NA	WBS-SS-CI-ITP-920049
							Date				
							Name				
							Signature				



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		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.5	Compaction density ratio for backfill	SE/PE	WBS-SS-CI-SPC-0006	Compaction test report showing >92% MMDD every 40 linear meters and every 2 layers WBS-SS-CI-ITP-920049	T	PL		HP	HP	NA	Test results
							Date				
							Name				
							Signature				
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
3.6	As-built survey pick-up	SE/PE	WBS-SS-CI-SPC-0006 PPR	Survey records and as-built drawings	S	PL		V	V	NA	As-built drawings
							Date				
							Name				
							Signature				
Section 4: Final Inspection											
		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.1	Finish level compliance with design drawings	SE/PE	WBS-SS-CI-SPC-0006	As-built drawings	S	PL		V	V	NA	WBS-SS-CI-ITP-920049
							Date				
							Name				
							Signature				

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		Remarks / NCR No. / HP No. / RFI No. / Notice Date									
4.2	Final Inspection Checklist (FIC) completion	SE/PE	WBS-SS-CI-SPC-0006	Signed FIC	R	PL		V	V	NA	WBS-SS-CI-ITP-920049
							Date				
							Name				
							Signature				

Document sign-off

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