Worksite Inspection Report Version 3 - June 2021 - Document number: SRCE-447194848-37942

Underground Electrical Infrastructure Quality Assurance Process







	- Open Trench Civil,	Cable Hauling, Open Trei	nch Electrical & Final Inspections
PROJECT DETAILS			
Network #:		PM Order #:	
Project Name:		Stage:	Location:
CP/PAL approved drawing	ng(s) #:		
Project Type	4)		
Network Managed (Option		Industrial Public Light	-
Customer Managed (Opt	tion 2): Residential	Industrial Public Light	ing
Project Scope:			
PROJECT STAKEHOLDE	ERS		
PAL Project Manager	Name:		
Customer Project	Company:	Respons	sible Person:
Manager (PM1/PM2)	Phone:	Email:	
Civil Constructor	Company:	Respons	sible Person:
	Phone:	Email:	
	VEDN #:	VEDN# ExpiryDate:	VEDN # Next Audit Date:
	Accredited VEDN Site Su	pervisor:	Phone:
Electrical Constructor	Company:	Respons	sible Person:
	Phone:	Email:	
Cable Detailer	Company:	Respons	sible Person:
	Approved Detailer(s):		
	Phone:	Email:	
Cable Detailed Plan	Company:	•	sible Person:
Drafting	Phone:	Email:	
WORKSITE INSPECTIO			
Part 1:	Company:		
Open Trench Civil Audit			
	Attending VEDN #(s):		
	Responsible Auditor:	VEDN #:	Expiry:
Part 2:	Company:		
Cable Hauling Audit	Responsible Auditor:	VEDN #:	Expiry:
Part 3:	Company:		
Open Trench Electrical	Attending Auditor(s):		
Audit	Attending VEDN #(s):		
	Responsible Auditor:	VEDN #:	Expiry:
Part 4A:	Company:		
Civil - Final	Attending Auditor(s):		
Inspection	Attending VEDN #(s):		
	Responsible Auditor:	VEDN #:	Expiry:
Part 4B:	Company:		
Electrical - Final	Attending Auditor(s):		
Inspection	Attending VEDN #(s):		
VEDN DE AUDIT DEQUID	Responsible Auditor:	VEDN #:	Expiry:
Part 5A:		l if a second CP/PAL re-audit is req	luired
Re-Audit	Company: Attending Auditor(s):		
Non-compliance	Attending VEDN #(s):		
Review	Responsible Auditor:	VEDN #:	Evniry
Part 5B:	Company:	VEDIN #:	Expiry:
Re-Audit Civil	Attending Auditor(s):		
Final Inspection	Attending VEDN #(s):		
i mai mopection	Responsible Auditor:	VEDN #:	Expiry:
Part 50		ν Ε Ε Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι Ι	EAPH y.
Part 5C: Re-Audit	Company: Attending Auditor(s):		
Electrical Final	Attending VEDN #(s):		
Inspection	Responsible Auditor:	VEDN #:	Fxpiry:





Electrical Project Managers Declaration Must be completed for all Optio	n 1 URD & Option 2 Projects			
		Compliant Y / N / NA	0	als
Declaration Statements		Com Y / P	Date	Initials
Pre Commencement Confirmations				
I have confirmed an approved cable detailer has been engaged for this project				
I have confirmed a VEDN approved auditor has been engaged to inspect this pr	roject			
The VEDN approved auditor is aware of the photographic requirements of the	audit process			
An electrical permit is on issue for this project / permit expiry follow up date re	eminder has been set			
PART 1: Open Trench Civil Audit Confirmations				
I have checked the audit form & confirm it is fully completed to comply with the	ne current work instructions			
All mandatory sections have been checked and completed with relevant date i	nformation			
I confirm all nominated photos have been checked and collated				
PART 2: Cable Hauling Audit Confirmations				
I have checked the audit form & confirm it is fully completed to comply with th	ne current work instructions			
Mandatory photos have been confirmed, checked and found compliant with p	rocess requirements			
I confirm all mandatory sections have been checked and completed with relevant	ant date information			
PART 3: Open Trench Electrical Audit Confirmations				
I have checked the audit form & confirm it is fully completed to comply with the	ne current work instructions			
All mandatory sections have been checked and completed with relevant date i	nformation			
I confirm that all nominated photos have been checked and collated; mandato				
PART 4A: Civil - Final Inspection Audit Confirmations				
I have checked the audit form & confirm it is fully completed to comply with the	ne current work instructions			
All mandatory sections have been checked and completed with relevant date i				
PART 4B: Electrical - Final Inspection Audit Confirmations				
I have checked the audit form & confirm it is fully completed to comply with the	ne current work instruction			
Mandatory photos have been confirmed, checked and found compliant with p				
I confirm all required variations have been requested from council / VicRoads /				
DECLARATION	· ottoroor and approved			
All items in the declaration have been checked & all photo requirements compl	y with the Worksite Inspection	Report	instructi	ion.
Electrical Project Manager Taking Responsibility	,	<u> </u>		
Name of Project Manager taking responsibility:				
Signature of responsible Project Manager:	Date of signature:			
VEDN RE-AUDIT REQUIREMENT Must be completed if a second CP/PAL re-audit is requi	_			
			_	
PART 5A: Non-Compliance Review Re-Audit Confirmations				
The Non-compliance List Review and Explanation detail is complete and compl				
The Improvement Opportunities sections of the form have been completed an	d are compliant			
PART 5B: Civil - Final Inspection Re-Audit Confirmations				
I have checked the audit form and confirm it is fully completed to comply with	the current guidelines			
All mandatory sections are completed with relevant date information				
PART 5C: Electrical - Final Inspection Re-Audit Confirmations				
I have checked the audit form and confirm it is fully completed to comply with				
Issues identified during the PAL audit have been addressed and possible furthe				
With the evidence that I have reviewed I am satisfied that all non-conformance	es have been addressed			
RE-AUDIT DECLARATION				
All items in the declaration have been checked & all photo requirements compl	y with the Worksite Inspection	Report	instruct	ion.
Electrical Project Manager Taking Responsibility				
Name of Project Manager taking responsibility:				
Signature of responsible Project Manager:	Date of signature:			





PART 1: Open Trench Civil Audit Must be completed before cable installation To complete this part of the form the auditor must have the minimum VEDN classification of Worksite Civil												
INSPECTION REQUIREMENT	must nu				n Staged (ırance				
INSPECTION REQUIREMENT		Project	Consi	Tuctio	Jugeu	Zuani	y Assu		I			
INSPECTION ITEM GUIDELINE	Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials			
ROAD CROSSING CONDUITS - NOT C	OMPLI <i>E</i>	ANT UNTIL	. MAN	IDATO	RY SECTIO	N IS C	COMP	LETED				
Building lines determined												
Final surface level determined												
Depth compliant with final surface										N	1andatory	/
Electrical conduit separation											_	
Clearance to water/gas mains										Compliant Y / N / NA	Inspection date	ω .
Clearance to storm water/sewer										m /	spec te	Initials
Clearance to communications										ິວ ≻	g ë	Ξ
ROAD CROSSING CONDUITS - NOT CO	OMPLI <i>A</i>	ANT UNTIL	MAN	IDATO	RY SECTIO	N IS C	ОМРІ	LETED				
Building lines determined												
Final surface level determined												
Depth compliant with final surface												
Electrical conduit separation												
Clearance to water/gas mains												
Clearance to storm water/sewer												
Clearance to communications												
AUDIT REFERENCES							<u> </u>					
	ing on	cito							I			
Correct version of construction draw Kerb installation 90% complete	ing on	site										
Lot title boundaries pegged; maximu	m nog s	nacing <20)m									
Electrical easements pegged; maximu												
Kiosk site pegged and free of other a		spacing <2	UIII									
TRENCH	ssets											
					l			I	T			
Width to standard or cross-section												
Depth to standard or cross-section		h atu ati a .a										
Offset and alignment correct; base for	ee or o	bstruction	15									
Required asset clearances achievable												
CONDUITS					l		ı	I	T			
Size and category to standard												
Installed to approved drawing or cros)n										
Separation between conduits checke												
Separation from other authorities conf	irmea											
LV conduit bends inspected												
HV conduit bends inspected												
End of Conduit (EOC) locations to dra		irad										
Compliant draw strings installed whe	re requ	ireu										
All conduits glued and watertight												
Bore conduit installation compliant	_		_									
BEDDING SAND								I				
Grade inspected to standard									1			
Free of foreign material, clay & stone Trench base sand depth correct	:5											
INSPECTION COMPLETION												
All road crossings inspected; all locations compliant												
All conduit clearances confirmed throughout project; all nominated photos taken												
Public light column holes all inspected and compliant												
Trench line inspection fully complete												
Marker tape in any backfilled area ch	ecked a	as complia	nt									
Marker tape in all road crossings insp	ected,	depth and	align	ment o	compliant							
All service pits bedded on crushed ro	ck and I	ocated as	per d	rawing								





To complete this part of the form the auditor must have the minimum VEDN classification of Worksite Civil

PART 1: Open Trench Civil Audit Must be completed before cable installation

Nominated Report Items / Photographic Evidence Tabulation Must be of

Nominated Report Items / Ph	otographic Evidence Tabulation Must be complet	and C	option 2 F	Projects
Location	Assets		Auditor Initials	Date





AUDIT SCOPE, VARIATION, NON-CO	MPLIANCE AND RECTIFICATION	INFORMATION	
DECLARATION : Approved Worksite	e Civil or Worksite Electrical Taki	ng Responsibility	
All items in the checklist above have			e approved drawina
Audited by:	Signature:	Date:	VEDN #:

Underground Electrical Infrastructure Quality Assurance Process





This report must be completed in conjunction with the Worksite Inspection Report work instruction JEQA4UJ443MT-150-348 PART 2: Cable Hauling Audit Checklist A significant or complex HV and LV cable haul must be inspected onsite for all projects To complete this part the auditor must have the min VEDN classification of Worksite Electrical (Manual Hauling only) or Worksite Electrical Hauling (Mechanical Hauling) SITE INFORMATION Name of trained Crew Leader on site Names of trained Cable Haulers (min 2) Date(s) of cable Date open trench civil audit undertaken hauling audit Cable drum set up: Self loader Cable stands Flatbed truck / stand LV Cable Haul type: Hand Drawn Direct Manual Winch Bonded Caterpillar Flaking HV Cable Haul type: Hand Drawn Direct Manual Winch Bonded **Flaking** Caterpillar **DETAILS OF MAJOR CABLE HAULING ROUTE INSPECTED** HV cable hauling route: LV cable hauling route: **INSPECTION ITEM HV Cable** LV Cable Comments Compliant Compliant Provide additional detail Minimum Mandatory Inspection requirement Y/N/NA Y/N/NA Position of truck and cable drum, appropriate to cable Exclusion zone in place around winch / operator protection Rope and cable free from other assets to avoid damage Winch position directly in line where possible Winch fitted with working tension gauge Rollers installed along straight sections Rollers installed between drum and trench Rollers installed between trench and winch Minimum three rollers installed at each corner Minimum bending radius of cable not compromised Conduit end bell-mouths installed Describe system of communication between personnel Cable not over spooling from drum Cable not catching on drum or cradle **EVIDENCE OF CABLE HAULING TENSION** HV cable field tension HV cable drawing tension LV cable field tension LV cable drawing tension Photographic Evidence Tabulation Mandatory requirement for Option 1 URD and Option 2 projects **Photo** Location **Photo Description** Requirement LV LV LV LV

ΠV						
HV						
HV						
HV						
DECLARATION: A	Approved Auditor Taking	Responsibility				
All items in the ch	necklist above have been ii	nspected and comply with cable haulir	ng standa	ards.		
Audited by:		Signature:	Date	ē:	VEDN #:	
						6





PART 3: Open Trench Electrical Audi Must be completed by a VEDN approved Worksite Elect		en with (cables insta	alled be	efore bac	kfill or cove	er			
INSPECTION REQUIREMENT		Project Construction Staged Quality Assurance					Mandatory			
INSPECTION ITEM GUIDELINES			Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials
INSPECTION REFERENCES										
Approved construction drawing on site										
Building lines, easements, reserves and splays pe	egged									
Kerb installation complete										
CABLES										
Installation complete										
Cable size and type compliant										
Cable depths verified, final surface levels determ	ined									
Cable offsets confirmed against drawing and cross	ss sections									
Cables laid in correct order with required separat	tions									
All LV cable bends inspected, bending radiuses co	mply									
All LV mains cable conduit entries inspected										
All HV cable bends inspected, bending radiuses co	omply									
All HV mains cable conduit entries inspected										
Cable entry to bore conduits inspected										
Sealed and insulated ends located as per drawing	3									
Cable joints completed and correctly located										
Cable clearances to other assets verified										
Cable entry to public light columns inspected and	d compliant									
Public light column earth cables and earth electron										
BEDDING SAND										
Grade inspected to standard										
Free of foreign material, clay & stones										
Correct depth above and below cables when con	npacted									
Correct depth above and below joints when com	pacted									
PROTECTIVE COVER SLABS										
Size and type compliant										
Installed over all cables and joints										
Overlap and cable overhang checked										
BEFORE FULL TRENCH BACKFILL										
All cable and joint sanding works completed and	inspected									
All cover slabbing works completed and inspected	d, all pillar locat	ions cor	rect							
Public light columns installed, locations verified a	nd footings con	npliant								
Kiosk culvert correctly located and installed to sta			rect							
Kiosk equipotential earth grid and earth system i										
Communication conduits works complete and cle										
Communication pits installed and confirmed clea	r of electrical a	ssets								
All required nominated and mandatory photogra	phs taken									
Mandatory Report Items / Photograph Must be completed for all Option 1 and Option 2 Projec		abulat	tion							
Location		sset De	escription	1		Phot Take		iditor itials	Inspect Date	
						+				
						+				
						+				





PART 3: Open Trench Electrical Audit To be undertaken with cables installed before backfill or cover Must be completed by a VEDN approved Worksite Electrical Auditor

Nominated Report Items / Photographic Evidence Tabulation Must be completed for all Option 1 URD and Option 2 Projects									
Location	Assets			Auditor Initials	Date				
				_					





AUDIT SCOPE, VARIATION, NON-COI	MPLIANCE AND RECTIFICATION INF	ORMATION				
DECLARATION : Approved Worksite Civil or Worksite Electrical Taking Responsibility All items in the checklist above have been inspected and comply with Technical Standards and the approved drawing.						
All items in the checklist above have a Audited by:	been inspected and comply with Ted Signature:	Date:	vEDN #:			

Audited by:





Worksite Inspection Report Document number: SRCE-447194848-37942 Underground Electrical Infrastructure Quality Assurance Process This report must be completed in conjunction with the Worksite Inspection Report work instruction JEQA4UJ443MT-150-348

PART 4A: Civil - Final Inspection Should be completed with trenches backfilled To complete this part of the form the auditor must have the minimum VEDN classification of Worksite Civil									
MANDATORY PROJECT SITE INFORMATION MARKER TAPE INSPECTION REFERENCE POINTS									
Number of items on pro	ject	Inspection items checked	Date	No. Sites checked	Date	No. Sites checked	Date	No. Sites checked	
Public light columns		32mm public light conduits							
Service pits		63mm service cable conduits							
Mains splay conduits		Mains cable splay conduits							
100mm road conduits		100mm road xing conduits							
150mm road conduits		150mm road xing conduits							
Number of lots		Lots where tape inspected							
		-							

INSPECTION REQUIREMENT	Project Construction Staged Quality Assurance						Mandatory		
INSPECTION ITEM GUIDELINES		Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials
MARKER TAPE INSPECTION RESULT									
Marker tape inspected on 32mm public light conduits									
Marker tape inspected on 63mm service cable conduits									
Marker tape inspected on splay conduits									
Marker tape inspected on 100mm road crossing conduits									
Marker tape inspected on 150mm road crossing conduits									
Marker tape inspected in main cable trench									
Marker tape depth compliant at all locations									
Marker tape asset overhang inspected									
SERVICE PITS									
Correctly positioned at building lines									
Final levels and concrete works complete									
Concrete encasement requirements met									
Bodies in new unmodified condition, free of mud and debris									
Lids free, operational and in new condition									
Rim and lid levels compliant with CP/PAL standards									
Conduit entry length correct, free of sharp ends									
Customer conduit lengths inside lots verified									
All new cable and marker pits checked and level									
ASSET CONDITION									
Public light columns free of mechanical damage									
Public light columns free of concrete slurry and tar spray									
LV pillar bollards installed to standard, straight and secure									
LV pillar bodies free of damage, concrete slurry and tar spray									
Substation reserve flat, level and free of other assets									
Ground compacted around kiosk culvert; no gaps under base									
Kiosk shell free of damage and foreign materials									
AUDIT SCOPE, VARIATION, NON-COMPLIANCE AND RECTIFICAT	ION INFO	DRMATIC	N						

DECLARATION: Approved Worksite Civil or Worksite Electrical Taking Responsibility All items in the checklist above have been inspected and comply with Technical Standards and the approved drawing.

Date:

Signature:

VEDN #:

Underground Electrical Infrastructure Quality Assurance Process This report must be completed in conjunction with the Worksite Inspection Report work instruction JEQA4UJ443MT-150-348





PART 4B: Electrical - Final Inspection Must be completed with final levels established Must be completed by a VEDN approved Worksite Electrical Auditor **Project Construction Staged Quality** INSPECTION REQUIREMENT Mandatory Assurance Compliant Y/N/NA Inspection date Inspection date Compliant Y / N / NA Compliant Y/N/NA **INSPECTION ITEM GUIDELINES** nitials **INSPECTION REFERENCES** Approved construction drawing on site Completed detailed drawing available Open trench civil report completed Open trench electrical report completed Open trench audit items for follow-up complete All route variations and deviations approved All material on site complies with CP/PAL standard All over depth conduits and cables approved Surveyors pegs installed: building lines, easement & reserves Survey reference peg spacing <20m throughout project **DETAILED DRAWING** All tie-in location coil & overlap info. checked, all pits visible All service pit offsets correct, bottom entry pits detailed Easement locations can be reproduced on site Projected datum and ref points can be reproduced on site LV pillar orientation location and offset verified PLC chainages and offsets checked against drawing PLC manufacturer, category numbers and PE cells approved PLC strength and length, outreach brackets & lanterns comply Bore conduit route and transition joints detailed All identification numbers and street names correct Kiosk schematic, PCA52 and fault indicator locations verified Adjoining sheet references checked Remote works shown and key plan correct **CABLE TERMINATIONS AND PUBLIC LIGHT COLUMNS** All service pits correctly terminated, cables free of damage All PLC terminations checked, ID numbers correctly fitted PLCs straight, outreach brackets compliant, lanterns level All PLC Installation depths checked and compliant Flange bolts correctly installed, shear connections Paint or galvanising in new condition on all PLCs LV pillar straight, depth correct, terminations inspected LV pillar sand, crutches and switch height checked Neutral tags fitted to all neutral cables throughout project All insulated ends inspected Cable Head Pole works compliant, labels fitted **SUBSTATION** Located within reserve, level & correctly positioned on culvert Size, rating, fuses and switches comply with drawing Oil level, earth connections and screen wires checked HV elbows and dead ends to specification HV trunks and internal sand levels checked LV cable and LV switch labels checked against drawing HV cable and HV switch labels checked against drawing Nameplates, warning and external signs inspected Cable clearances between circuits and metal work checked All earthing connections checked and compliant



Worksite Inspection Report Document number: SRCE-447194848-37942 Underground Electrical Infrastructure Quality Assurance Process This report must be completed in conjunction with the Worksite Inspection Report work instruction JEQA4UJ443MT-150-348	(CITIPOW	Powe AUSTRALIA
PART 4B: Electrical - Final Inspection Must be completed with final levels established Must be completed by a VEDN approved Worksite Electrical Au	ditor		
Mandatory Report Items / Photographic Evidence Tabulation Must be completed for a	all Option 1	and Option	2 Projects
Location Information	Photo Taken	Auditor Initials	Inspectio Date

Location Information	Photo Taken	Auditor Initials	Inspection Date
AUDIT SCOPE, VARIATION, NON-COMPLIANCE AND RECTIFICATION INFORMAT	ΓΙΟΝ		
· · · · · · · · · · · · · · · · · · ·			
DECLARATION: Approved Worksite Civil or Worksite Electrical Taking Responsi			
All items in the checklist above have been inspected and comply with Technical S		approved	drawing.

DECLARATION: Approved Works	ite Civil or Worksite Electrical Taking	Responsibility		
All items in the checklist above ho	ave been inspected and comply with 1	Technical Standards and t	the approved drawing.	
Audited by:	Signature:	Date:	VEDN #:	
				12

Underground Electrical Infrastructure Quality Assurance Process This report must be completed in conjunction with the Worksite Inspection Report work instruction JEQA4UJ443MT-150-348





PART 5A: Re-Audit Non-Compliance Review Must be completed when a second re-audit is required
Must be completed as detailed in the Worksite Inspection Report work instruction by a VEDN responsible Worksite Auditor who completed Part 4B NON-COMPLIANT LIST REVIEW AND EXPLANATION DETAIL IMPROVEMENT OPPORTUNITY CONSIDERATIONS BY RESPONSIBLE AUDITOR IMPROVEMENT OPPORTUNITY CONSIDERATIONS BY THE RESPONSIBLE CABLE DETAILER **DECLARATION: Approved Worksite Electrical Taking Responsibility** All items in the checklist above have been inspected and comply with Technical Standards and the approved drawing. Audited by: VEDN #: Signature: Date:





PART 5B: Re-Audi To complete this part of the	t Civil e form tl	- Final Inspection Should be d he auditor must have the minimum V	completed wi EDN classifica	th trenches bo ation of Works	ackfilled site Civil			
MANDATORY PROJECT SITE INFORMATION MARKER TAPE INSPECTION REFERENCE POINTS								
Number of items on pro	ject	Inspection items checked	Date	No. Sites checked	Date	No. Sites checked		
Public light columns		32mm public light conduits						
Service pits		63mm service cable conduits						
Splay conduits		Splay conduits						
100mm road conduits		100mm road xing conduits						
150mm road conduits		150mm road xing conduits						
Number of lots		Lots where tape inspected						

Trainiber of lots	iere tape inspected							1		
INSPECTION REQUIREMENT		-	Project Construction Staged Quality Assurance			Mandatory				
INSPECTION ITEM GUIDELINES		Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection	Initials			
MARKER TAPE INSPECTION RESULT								4		
Marker tape inspected on 32mm public l	light conduits			'				1		
Marker tape inspected on 63mm service				†				l		
Marker tape inspected on splay conduits									Project	
Marker tape inspected on 100mm road of								-	anagemer	nt _
Marker tape inspected on 150mm road of				<u> </u>						
Marker tape inspected in main cable trei								iant	tion	12
Marker tape depth compliant at all locat								Compliant Y / N / NA	Inspection date	Initials
Marker tape asset overhang inspected								8 🗦	g g	Ξ.
SERVICE PITS										
Correctly positioned at building lines									· '	
Final levels and concrete works complete	e								1	
Concrete encasement requirements met									1	
Bodies in new unmodified condition, free		 		 				<u> </u>	1	†
Lids free, operational and in new conditi									1	
Rim and lid levels compliant with CP/PAI				†				 	ĺ '	
Conduit entry length correct, free of sha		 		 				<u> </u>	1	†
Customer conduit lengths inside lots ver				 				I	ĺ .	
All new cable and marker pits checked a		 		 						1
ASSET CONDITION										
Public light columns free of mechanical of	damage			'					1	
Public light columns free of concrete slui	-							I	ĺ .	
LV pillar bollards installed to standard, s		 		 						1
LV pillar bodies free of damage, concrete	-	 						 	1	†
Substation reserve flat, level and free of		 						 	1	†
Ground compacted around kiosk culvert								 	ĺ '	
Kiosk shell free of damage and foreign m								 	ĺ '	
AUDIT SCOPE, VARIATION, NON-COMPL		ON INF	ORMATIC	ON						
Addit Jedi E, VARIATION, NON COMI E	HANCE AND RECTITION	CIVILIT	DIMINATE	/1						
DECLARATION, Approved Worksite Civil	Landelanksita Flactrical T	akina D	- se encihi	allan,						
DECLARATION: Approved Worksite Civil					1		d dame.	•		
All items in the checklist above have been		with lec	:hnicai Su			e approve				
Audited by:	Signature:			Date:			VED	ON #:		





PART 5C: Re-Audit Electrical - Final Inspection Must be completed by a VEDN approved Worksite Electrical Auditor	ust be con	npleted wit	h final le	evels estai	blished				
INSPECTION REQUIREMENT	Sta	ct Constructi aged Quality Assurance		Mandatory			Project Management Use		
INSPECTION ITEM GUIDELINES	Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials	Compliant Y / N / NA	Inspection date	Initials
INSPECTION REFERENCES									
Approved construction drawing on site									
Completed detailed drawing available									
Open trench civil report completed									
Open trench electrical report completed									
Open trench audit items for follow-up complete									
All route variations and deviations approved									
All material on site complies with CP/PAL standard									
All over depth conduits and cables approved									
Surveyors pegs installed: building lines, easement & reserves									
Survey reference peg spacing <20m throughout project									
DETAILED DRAWING									
All tie-in location coil & overlap info. checked, all pits visible									
All service pit offsets correct, bottom entry pits detailed									
Easement locations can be reproduced on site									
Projected date and reference points can be reproduced on site									
LV pillar orientation location and offset verified									
PLC chainages and offsets checked against drawing									
PLC manufacturer, category numbers and PE cells approved									
PLC strength and length, outreach brackets & lanterns comply									
Bore conduit route and transition joints detailed									
All identification numbers and street names correct									
Kiosk schematic and fault indicator locations verified									
Adjoining sheet references checked									
Remote works shown and key plan correct									
CABLE TERMINATIONS AND PUBLIC LIGHT COLUMNS									
All service pits correctly terminated, all IPC caps fitted									
All PLC terminations checked, ID numbers correctly fitted									
PLCs straight, outreach brackets compliant, lanterns level									
Paint or galvanising in new condition on all PLCs									
LV pillar straight, depth correct, terminations compliant									
LV pillar sand, crutches and switch height checked									
Neutral tags fitted to all neutral cables throughout project									
All insulated ends inspected and compliant									
Cable Head Pole works compliant, labels fitted									
SUBSTATION									
Located within reserve, level & correctly positioned on culvert									
Size, rating, fuses and switches comply with drawing									
Oil level, earth connections and screen wires checked									
HV elbows and dead ends to specification									
HV trunks and internal sand levels compliant									
LV cable and LV switch labels checked against drawing									
HV cable and HV switch labels checked against drawing									
Nameplates, warning and external signs compliant									
Cable clearances between circuits and metal work checked									





PART 5C: Re-Audit Electrical - Final Inspection Must be completed with final levels established

<i>'</i>	/ Photographic Evidence Tabula		Photo	Auditor	Inspection
	Location Information		Taken	Initials	Date
LIDIT COORE MADIATION A	ION COMPLIANCE AND DESTIFICA	TION INCORNATION			
UDIT SCOPE, VARIATION, N	ION-COMPLIANCE AND RECTIFICAT	ION INFORMATION			
ECLARATION: Approved W	orksite Civil or Worksite Electrical	Taking Responsibility			
	ve have been inspected and comply		nd the	approved (drawing.
udited by:	Signature:	Date:		FDN #·	

Underground Electrical Infrastructure Quality Assurance Process This report must be completed in conjunction with the Worksite Inspection Report work instruction JEQA4UJ443MT-150-348





Appendix A Part 1: Open Trench Civil - Nominated Report Items / Photographic Evidence Tabulation additional space Clearance & Photo **Auditor** Location **Electrical** Date **Assets** Initials **Taken** Depth Part 3: Open Trench Electrical - Nominated Report Items / Photographic Evidence Tabulation additional space Clearance & Photo Auditor Location **Assets Electrical** Date Taken Initials Depth