	LV SERVICE CONNECTION TEST FORM HORIZ										
		vice Address: ter Number:			Oate:// Reading : <i>Import</i>	Export	POWER				
			the requirements in the			•					
•	This form must be completed in accordance with the requirements in the AS 4741: 2010 and in conjunction with Horizon Power's Testing Low Voltage Service Connections FI 7.5										
•		If there are any suspicions that the installation has been tampered with, DO NOT continue, change or alter the installation, and immediately report it to your Formal Leader.									
•	lt vol	Itage and impedance values cannot be achi	eved as per the SC1, DO	NOT connect. Inform your Form	nal Leader.						
TESTING											
1.		Identify Phase Rotation before isolating supply (existing 3 phase connections). Circle CORRECT INCORRECT for part power, or non 3 Phase tick n/a									
2.		Turn Customers Main Switch Off and remove or isolate Service Protection Device(s) (SPD). For remote main switch installation remove or isolate Service Protection Device(s), Prove Meter terminals de-energised and remove load phase(s) tails from meter.									
3.		Remove line neutral from meter terminal, for Multiple Master Metering and CT installations, remove line neutral from MEN link / Neutral bar (NEW Connections Only)									
4.		Install independent temporary earth stake a minimum of 2 metres away from the installation									
5.		Connect Network Analyser earth lead to the temporary earth stake and the Network Analyser neutral lead to the removed neutral tail									
6.		Check the Network Analyser LIT screen, if RED light and 2 x GREEN lights = REVERSED POLARITY, stop work, rectify fault and re-test from step 2.									
7.		Reinstate supply place Network Analyser probe onto line phase(s) at the meter terminals or phase links, push start and record sequenced test results on table below									
8.		Place Network Analyser neutral lead onto metal meter enclosure and test and record V-> Line to metal meter enclosure on table below									
9.		Test between V->Line and Load Neutral with Network Analyser and record the results on table below									
10.		Using an approved volt meter, test and record the voltage between line neutral and load neutral and record the results on the table below									
11.		Using an approved volt meter record phase to phase voltages and record the results on table below.									
		Test	Acceptable Range	RED	WHITE	BLUE					
		V- Line – Neutral	228v to 254v	= volts	= volts	= volts					
		V- Line – Earth	228v to 254v	= volts	= volts	= volts					
		Z- Line – Earth	<2000 Ω	$=\Omega$	Only enter values in the relevant sections and N/A all others not required						
		Z- Line - Neutral	<1.0 Ω	= Ω	= Ω	= Ω	1				
		Z- Neutral Wire	<0.8 Ω	$=\Omega$	= Ω	$=\Omega$					
		V- Line to Metal Meter Enclosure	228v to 254v	= volts	For multi master meterin	0					
		V- Line – Load Neutral	228v to 254v	= volts	there is already a meter c voltage and load tests NO						
		V- Line Neutral – Load Neutral	<6v	= volts	required						
		Split Phase to Phase Volts	451v to 509v	R-B = volts							
		Phase to Phase Volts	390v to 440v	R-W = volts	R-B = volts	W-B = volts					
10		Chandrad and a street and a suffering above a state	: the et eten 1 . C	Santa CORRECT INCORREC	T						
12.	\vdash	Standard connections confirm phase rotation the same at step 1, Circle CORRECT INCORRECT N/A									
13.		Isolate Supply, reinstate neutral at meter or neutral link and ensure integrity of ALL connections (TUG TEST)									
14.		Reinstate Supply, perform meter function test (LOAD TEST) confirm supply and turn main switch ON									
15.	15. For remote main switch installation, and new connections if the customer is NOT home, the AMI meter must be left in a de-energised state and customer card left										
I the undersigned, hereby certify that I have performed the tests listed above, and confirm that the service connection is safe and correctly connected to the network:											
Name of Tester:						Date:					

Customer Service Overhead Attachment (CUSA) Datasheet (and Work Request)



*POLE SHORT PLANT ID:						
*INSTALLED DATE (dd/mm/yy)						
*STREET:						
*SUBURB:						
*LOCATION IN STREET:		,				
	icable: √					
	ates you must fill in th	<u>ne field. Do n</u>				
*CARRY OVER POLE	Existing		Replaced			
(HP Structure):	☐ New Installed		☐ No Carry Over Pole			
*CARRY OVER POLE	Helical Clamp Roller Cl					
(Clamp Type):	☐ Wedge Clamp ☐ Bare Oper		Aerial N/A			
	Other (Specify):					
	Helical Clamp	□ Poller Cle	mn	☐Insulated Open Aerial		
*CONSUMER POLE	☐ Helical Clamp ☐ Roller Clamp ☐ Wedge Clamp ☐ Bare Open Aei					
(Clamp Type):	Other (Specify):	<u> </u>		□ N/A		
	Other (Speerry).					
	□Wood	☐ Metal (Ro	und)	☐ No Consumer Pole		
*CONSUMER POLE	Concrete	Metal (Lattice)		110 Consumer Fole		
(Structure):	Other (Specify):		ttiee)			
	Red	☐ White		Blue		
*LVCL PHASE CONNECTION	☐ Red/White	☐ Red/Blue		☐ White/Blue		
		Red/White/B		ue		
	☐ Barge Board		Goose			
*MAINS CONNECTION BOX	Raiser Bracket		☐ Brick wall ☐ Pole			
(Fixed To):	☐ No MCB Gooseneck (crimped)		☐ Metal Fascia ☐ No MCB			
	Other (Specify):					
	□ vv :: 1 cr		-			
*MCB	Helical Clamp Roller Clamp Insulated Open Aerial					
(Service Cable Clamp at POA):	☐ Wedge Clamp ☐ Bare Open Aerial					
	Other (Specify):					
*NUMBER OF PHASES SUPPLYING						
CUSTOMER:	☐ Single		Γhree	☐ Two		
OOCT OMET.		I				
*NUMBER OF SPANS						
	I.					
*SEPARATE / SPLIT CORES	□YES		□NO			
	☐ 6MM PVC Flat 2-Core		☐ 16MM 2-Core			
	☐ 6MM PVC Twisted 2-Core		☐ 16MM 3-Core			
	6MM PVC 3-Core		16MM 4-Core			
*SERVICE CABLE	☐ 6MM XLPE 2-Core		☐ 16MM PVC Flat 2-Core			
(Carrier Type):	6MM XLPE 3-Core		☐ 16MM PVC Twisted 2-Core			
LOW VOLTAGE CUSTOMER	6MM XLPE 4-Core		☐ 16MM PVC 4-Core			
SERVICE LINE (LVCL):	6MM PVC 4-Core		16MM XLPE 2-Core			
	95MM LV ABC		☐ 16MM XLPE 4-Core			
	☐ 150MM LV ABC ☐ Other (Specify):					
	Uther (Specify):					
*SERVICE CROSSES LAND USED	□YES					
BY VEHICLES			□ NO			
D. VELHOLLO			<u> </u>			
*SERVICE CROSSES ROAD	□YES		□NO			
TELLINOT ON COURT IN COURT	L		1	<u> </u>		
*SERVICE HEIGHT -						

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- Centre of Road (5.5m)	N	fetres			
- Land Used by Vehicles (3.0m)	Metres				
- Point of Attachment (2.7m)	Metres				
	☐ Nilcrome 30 AMP Fuse Box	☐ Nilcrome 60 AMP Fuse Box			
	☐ Flowline Fuse Box	☐ Circuit Breaker			
*SERVICE PROTECTION DEVICE:	☐ Meter Fuse	☐ Fascia Fuse			
	☐ Pole + Meter/Fascia Fuse	None			
	Other (Specify):				
*SPAN LENGTHS between structures	Section 1: Metres				
starting at street mains pole & ending	Section 2: Metres				
at POA:	Section 3:	Metres			
	☐ Wrapped Conductors	☐ Bolted Clamp			
*STREET MAINS SERVICE TAP:	☐ Insulated Piercing Connector	☐ Split Bolt			
	Other (Specify):				
	Consumer Pole with Meter	Building			
	Consumer Pole no Meter	☐ No MCB – crimped at building			
*MAINS CONNECTION BOX	☐ No MCB - crimped at consumer	☐ No MCB - open wire to			
LOCATION (MCB):	pole	building			
	☐ No MCB - open wire to consumer pole				
	Other (Specify):				
*METER # AT INSPECTION:					
*SERVICE CONNECTION	□YES	□NO			
INSPECTION COMPLETED:	LIES	LI NO			
*YOUR NAME:					
*PAY / CONTRACT #:					
OFFICE PHONE #:					
MOBILE #:					
*SIGNATURE / DATE:					

Instructions:

- POLE SHORT PLANT ID Id of Pole where LVCL (Low Voltage Customer Line) is attached to – typically starts with 'S' or 'U'.
- MAINS CONNECTION BOX This is the location of the MCB. Although where there is no MCB this is the point where the service cable connects (on the customer side).
- MAINS CONNECTION BOX The location where the MCB is attached or location of the POA in the absence of a MCB.
- SERVICE PROTECTION DEVICE The type of service protection device used for the service.
- SERVICE HEIGHT Centre of Road (m) -The height of the service cable at the centre of the road.
- SERVICE HEIGHT Land Used by Vehicles (m) The lowest service height measurement on any land traversable by vehicles (other than road).
- SPAN LENGTHS (METRES) Part of Carrier LVCL The length of the service cable between any two supporting structures.