	LV SERVICE CONNECTION TEST FORM HORIZON										
	Service Address: Meter Number:			Date://	POW	ER					
				Reading : Import	Export						
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.											
If voltage and impedance values cannot be achieved as per the SCT, DO NOT connect. Inform your Formal Leader.											
TESTING											
1.	Identify Phase Rotation before isolating s	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.	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.	8. Place Network Analyser neutral lead onto metal meter enclosure and test and record V-> Line to metal meter enclosure on table below										
9.	9. Test between V->Line and Load Neutral with Network Analyser and record the results on table below										
10.	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.	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						
	Z- Neutral Wire	<0.8 Ω	= Ω	$= \Omega$	$= \Omega$						
	V- Line to Metal Meter Enclosure	228v to 254v	= volts	For multi master metering installations where there is already a meter connected only carry out voltage and load tests NO IMPEDANCE TEST required							
	V- Line – Load Neutral	228v to 254v	= volts								
	V- Line Neutral – Load Neutral	<6v	= volts								
	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						
				_ □							
12.	Standard connections confirm phase rotat	• •									
13.	Isolate Supply, reinstate neutral at meter	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) con	nfirm supply and turn main swit	ch 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: Date											
······································											

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

*POLE SHORT PLANT ID:						
*INSTALLED DATE (dd/mm/yy)						
*STREET:						
*SUBURB:						
*LOCATION IN STREET:						
	Please tick one - appli	cable: √				
	ates you must fill in th	e field. Do no				
*CARRY OVER POLE	Existing		Replaced			
(HP Structure):	New Installed		No Carr	y Over Pole		
		_		•		
*CARRY OVER POLE	Helical Clamp Roller C			Insulated Open Aerial		
(Clamp Type):	UWedge Clamp	Bare Open .	Aerial N/A			
	Other (Specify):					
				Terrelated Onese Arelat		
*CONSUMER POLE	Helical Clamp	Bare Open		Insulated Open Aerial		
(Clamp Type):	Wedge Clamp		Aeriai	□ N/A		
	Other (Specify):					
	Wood	Metal (Rou	und)	No Consumer Pole		
*CONSUMER POLE		Metal (Latt				
(Structure):	Other (Specify):					
	Guier (Speenty).					
	Red	☐ White		Blue		
*LVCL PHASE CONNECTION	Red/White	Red/Blue		White/Blue		
	Red/White/Blue		hite/Blue			
	Barge Board		Goosene	eck Shed		
*MAINS CONNECTION BOX	Raiser Bracket		Brick wall Pole			
(Fixed To):	□ No MCB Gooseneck (crimped)		Metal Fascia No MCB			
	Other (Specify):					
*MCB	Helical Clamp	Roller Clar		Insulated Open Aerial		
(Service Cable Clamp at POA):	Wedge Clamp Bare Open Aerial					
(,	Other (Specify):					
*NUMBER OF PHASES SUPPLYING						
CUSTOMER:	Single	ingle 🗌 Three		Two		
COSTOMER.						
*NUMBER OF SPANS						
	1					
*SEPARATE / SPLIT CORES	YES			□ NO		
	6MM PVC Flat 2-C		16MM			
	☐ 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):						
*SERVICE CROSSES LAND USED BY VEHICLES	□ YES		□ NO			
	<u> </u>					
*SERVICE CROSSES ROAD	YES		□ NO			
*SERVICE HEIGHT -						

- Centre of Road (5.5m)	N. N.	Ietres					
- 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: N	Aetres					
	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 INSPECTION COMPLETED:	□YES	□ NO					
	l	l					
*YOUR NAME:							
*PAY / CONTRACT # :							
OFFICE PHONE # :							
MOBILE # :							
*SIGNATURE / DATE:							
SIGHT ONE / 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.