Service Connection Test Form

All tests must be carried out in accordance with AS 4741: 2010 and the Service Connection Test Guideline (EDM 53525817)

Failure to follow the steps in this form could cause hazardous voltages in the installation resulting in a Fatality Risk.

INST	ALLATION ADDRESS		DATE OF	DATE OF TEST			
Existing meter number		New meter number		W/O#			
DIRECT □ DISTRIBUTED □		MMM UMS CT		ANNA □	AA AA AA NN 🗆		
Test Instrument type		PAT Id or Serial No		Calibration date			
Only	enter values in the relevant sections and N/A a	all others not required					
	nulti master metering installations where there	•	d only carry out voltage a	nd load tests - NO IMPE	DANCE TI	ST is req	uired.
1.	Conduct a touch voltage test from independing installation (Metal meter box, customer's w	•		•	cture of		VAC
2.	Confirm position of customer's main switch	ch (on/off)				ON	OFF
3.	Confirm phase rotation prior to isolating supply (clockwise, anticlockwise, A-B-C, 1-2-3)						
4.	Isolate customer's main switch; remove or isolate SPD or meter fuses.						_
	For remote main switch installations remove the load active(s) For direct metering remove LOAD neutral from the meter terminal. For Multiple Master and CT metering installations remove						
5.	the LINE neutral from the MEN/Neutral link bar]
I the undersigned, hereby certify that I have performed the tests above, and confirm that the service connection has been left in a safe state.							
Test	er Name:	BNA:	Sig	gnature:			
6.	For Direct metering ONLY reinstate the SPD						
7.	Confirm phase rotation same as STEP 3 (cloo	(clockwise, anticlockwise, A-B-C, 1-2-3)					
8.	Line impedance, polarity, and voltage test (at meter position or SPD) Connect test leads to line active, line neutral and independent earth. Measure and record results in the table below:						
	Test	Acceptable Range	RED or Single-phase	WHITE		BLUE	
	1621	Acceptable Natige	THE OF STREET PRINCE	*******		DLUE	
V - Li	ine Active – Neutral	226V to 254V	V		/	BLUE	V
				,	/	BLUE	V
V - Li	ine Active – Neutral	226V to 254V	V	,	/	BLUE	
V - Li Z - Li	ine Active – Neutral ine Active – Independent Earth	226V to 254V 226V to 254V	V	,	γ	BLUE	V
V - Li Z - Li Z - Li	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral	226V to 254V 226V to 254V <1.0Ω <10kΩ Within 5V of V - Line	V V Ω	,	γ	BLUE	V
V - Li Z - Li Z - Li V - Li	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active to Metal Meter Enclosure	226V to 254V 226V to 254V <1.0Ω <10kΩ Within 5V of V - Line Active-Neutral	V V Ω kΩ	,	γ	BLUE	V
V - Li Z - Li V - Li V - Li	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active to Metal Meter Enclosure ine Active – Load Neutral/ Pre-1976 earth wir	$226V \text{ to } 254V$ $226V \text{ to } 254V$ $<1.0\Omega$ $<10k\Omega$ Within 5V of V - Line Active-Neutral Within 5V of V - Line Active-Neutral	V V Ω kΩ	,	γ	DLUE	V
V - Li Z - Li V - Li V - Li	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active to Metal Meter Enclosure	$226V \text{ to } 254V$ $226V \text{ to } 254V$ $<1.0\Omega$ $<10k\Omega$ Within 5V of V - Line Active-Neutral Within 5V of V - Line Active-Neutral	V V Ω kΩ	,	2	DLUE	V
V - Li Z - Li V - Li V - Li V - Li	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active to Metal Meter Enclosure ine Active – Load Neutral/ Pre-1976 earth wir	$226V \text{ to } 254V$ $226V \text{ to } 254V$ $<1.0\Omega$ $<10k\Omega$ Within 5V of V - Line Active-Neutral Within 5V of V - Line Active-Neutral	V V Ω kΩ V	,	2	DLUE	V
V - Li Z - Li V - Li V - Li V - Li Split	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active to Metal Meter Enclosure ine Active – Load Neutral/ Pre-1976 earth wir	$226V \text{ to } 254V$ $226V \text{ to } 254V$ $<1.0\Omega$ $<10k\Omega$ Within 5V of V - Line Active-Neutral Within 5V of V - Line Active-Neutral ire $<6V$	V V Ω kΩ V V	,	/ D D	BLUE	V Ω kΩ
V - Li Z - Li V - Li V - Li V - Li Split	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active to Metal Meter Enclosure ine Active – Load Neutral/ Pre-1976 earth wir ine Neutral – Load Neutral/ Pre-1976 earth w Phase to Phase Volts (if applicable) hase Volts (if applicable) For Direct metering ONLY remove the SPD	226V to 254V 226V to 254V <1.0Ω <10kΩ Within 5V of V - Line Active-Neutral Within 5V of V - Line Active-Neutral ire <6V 451V to 509V 390V to 440V	V V Ω kΩ V V V V V R/W	ks ks	// D D NA		V Ω kΩ
V - Li Z - Li V - Li V - Li Split 3 - P	ine Active – Neutral ine Active – Independent Earth ne Active – Neutral ne Active – Independent Earth ine Active – Independent Earth ine Active to Metal Meter Enclosure ine Active – Load Neutral/ Pre-1976 earth wir ine Neutral – Load Neutral/ Pre-1976 earth w Phase to Phase Volts (if applicable) hase Volts (if applicable) For Direct metering ONLY remove the SPD Reinstate LOAD neutral to the meter termin	226V to 254V 226V to 254V <1.0Ω <10kΩ Within 5V of V - Line Active-Neutral Within 5V of V - Line Active-Neutral ire <6V 451V to 509V 390V to 440V	V V V Ω κΩ V V V V V V CT metering installations	ks ks	// D D NA]	V Ω kΩ V B/R
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