

SSE Power Distribution - Declaration of Test Results for LV New Cable Installations

General Details:		
Builder Name and Site Address:		
SSEPD Ref No.	Contractor Telephone No.	Contractor Contact Name:
Work Details:		
Details of network installed with associated drawings attached:		

Important Information	<p>The following shall be observed:</p> <ul style="list-style-type: none"> One form shall be submitted per section of mains cable tested / made live. Insulation resistance tests shall be carried out prior to connection to the system. The minimum acceptable insulation resistance value shall be 50 MΩ for service cables and 50 MΩ for mains cable although results should be comfortably above this. An earth loop impedance test shall be carried out at the service cut-out. The maximum acceptable earth loop impedance value shall be 0.35 Ω for a PME earth or 0.80 Ω for a non-PME earth. Should the earth loop impedance, insulation resistance or polarity check prove to be unsatisfactory, the supply shall be withheld from the customer until made good. The declaration over page MUST BE SIGNED BY THE CONTRACTOR.
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500 Volt DC Mains Cable Pre-Energisation Commissioning Test Results:						
Insulation Resistance	R - N / E		(MΩ)	R - Y		(MΩ)
	Y - N / E		(MΩ)	R - B		(MΩ)
	B - N / E		(MΩ)	Y - B		(MΩ)
SNE only	R-E		(MΩ)			(MΩ)
SNE only	Y-E		(MΩ)			(MΩ)
SNE only	B-E		(MΩ)			(MΩ)
SNE only	N-E		(MΩ)			(MΩ)
Confirm LV Main Continuity Test						(Y, N, N/A)

Note – R,Y,B = L1,L2,L3 = Brown,Black Grey

