

Electrical Equipment Maintenance Frequencies - Based on CSA Z463-18 Guideline on Maintenance of Electrical Systems

Table M.8 Ground Grid Systems					
<b>Legend:</b> x = a test or inspection should be performed y = factory testing should be performed - = factory testing not required n/s = not specified; testing frequency is at the discretion of user n/a = not applicable a/n = as needed					
	Tests to be performed				
Equipment or system	Visual inspection	Station ground resistance	Earth Resistivity	Continuity Check	Two point resistance check
<b>Frequency (months) based on average NETA electrical practice</b>	2	24	24	12	24
System		X			
Ground cable	X		X	X	X
Ground rods	X		X	X	X
Ground test cabinet	X		X	X	X
Carbon banks	X		X	X	X
Ground connectors	X		X	X	X
Exterior electrical distribution	X	X	X	X	X
Electrical substation	X		X	X	X
Exterior lighting arresters	X			X	X
(1) Prior to testing ensure that all requirements for safe access to the equipment are met [e.g., permits, safety hazard and risk analysis] (2) The information shown above is based on: CSA Z463-18 Guideline on Maintenance of Electrical System and NETA MTS and is not necessarily identical to the source.					