

Power Quality Site Walk-Through Checklist

Failure Mode Symptoms	Yes/No	Survey Issues		
System Upsets				
System Lockups		WG	VQ	
Stop lamps lit		WG	VQ	
Machine resets		WG	VQ	
Data Errors		WG	VQ	
Disk Errors		WG	VQ	
Equipment Damage				
Hardware Failure		WG	VQ	
Process Control Loss		WG	VQ	
Remote device damage		WG	VQ	
I/O Board Failure		WG	VQ	
Physical Evidence To Support Cause				
Lightning Strike		WG	VQ	
Circuit Breakers Trip		HM		
Transformer overheated		HM		
Motors overheated		VQ	HM	
Communication Circuit interference		WG	HM	
PF correction capacitor failure		VQ	HM	
Erratic performance of electrical loads		VQ	HM	
Reduced efficiency		HM		
Fuses blown		HM		
Arcing or flashover		HM		
WG - Wiring & Grounding VQ - Voltage Quality HM - Harmonics				
Problem Correlation				
Day of Week:	Mon.	Tues.	Wed.	Thurs.
	Fri.	Sat.	Sun.	All
				Random
Time of Day: _____ am / pm				