

Preventive Maintenance Form for Express Plus Power Link 1000

ChargePoint Preventive Maintenance Service offers physical on-site visits with trained experts to ensure that charging station operations are safe, optimal, and compliant with local regulations and/or practices.

The ChargePoint charging station needs minimal preventive maintenance over its lifetime. ChargePoint's network connection monitors stations for system health and sends alerts when maintenance might be required. A ChargePoint certified technician, should perform the following checks:

Service Provider	
Technician Name	
Company Name	
Email Address	
Phone Number	
Are there additional personnel performing the preventive maintenance with you?	Yes No
Enter all the names of additional personnel performing the preventive maintenance.	

Site	
Street Address	
City	
State	
Zip	
Inspection Type	
Number of Power Link 1000s	
Number of Power Blocks	
Number of Power Hubs	
Work Order Number	
Preventive Maintenance Start Date	
Preventive Maintenance Start Time	

De-energization

	Description	Status/Comments	
	1. Before beginning Preventive Maintenance, verify you have the following: <ul style="list-style-type: none">• Personal protective equipment• Required tools• Preventive Maintenance checklist		
	2. Provide photo(s) for Express PlusPower Link 1000 breaker. [UPLOAD PHOTO]		
	3. Does electrical disconnecting means appear to be free of damage and in working order?	Yes	No
	4. Do breakers show any signs of over heating? (Check visual and smell.)	Yes	No
	5. Is the electrical disconnecting means properly locked out / tagged out?	Yes	No

Questions

For assistance, navigate to chargepoint.com/support and contact technical support using the appropriate region-specific number.

Power Link 1000

	Description	Status/Comments	
	1. Station serial number:[UPLOAD PHOTO]		
	2. Station MAC address:[UPLOAD PHOTO]		
	3. Does the Power Link 1000 have an interactive display (touch screen)?	Yes	No
	4. Is there any damage to the exterior of the Power Link 1000?	Yes	No
	5. Are nameplates and labels readable and in proper condition?	Yes	No
	6. Are charging cables, latching points, and switches / buttons free of damage?	Yes	No
	7. Provide photos of all charging handles (front connections, sides, top).[UPLOAD PHOTO]		
	8. When in the holster, does the charging cable come in contact with the ground?	Yes	No
	9. Does this Power Link 1000 use a CMK or Tool Balancer?	CMK Tool Balancer	
	10. Is the CMK swing arm in good working order? (Extends and retracts smoothly)	Yes	No
	11. Is the tetherball free of damage and properly attached to the swing arm?	Yes	No
	12. Are all back screws for the swing arm installed and torqued at 6.8 Nm (60 in-lb)?	Yes	No
	13. Is the tool balancer post secure and not damaged ?	Yes	No
	14. Is the tetherball free of damage and properly attached to the tool balancer?	Yes	No
	15. Does the tool balancer extend and retract smoothly?	Yes	No
	16. Is the tool balancer tension set properly?	Yes	No
	17. Is the M8 nut in the eyelet torqued to 20 Nm (177 in-lb)?	Yes	No
	18. Is the Power Link 1000 level?	Yes	No
	19. Is the gland plate fastened to the station base? [UPLOAD PHOTO]	Yes	No
	20. Is duct seal compound applied to seal all conduit and wiring openings?[UPLOAD PHOTO]	Yes	No
	21. Are DC cable labels present and legible?[UPLOAD PHOTO]	Yes	No

	Description	Status/Comments	
	22. Do the 48V DC wires appear burnt, melted or discolored? [UPLOAD PHOTO]	Yes	No
	23. Are all DC lugs torque marks aligned? [UPLOAD PHOTO]	Yes	No
	24. Are ground lug torque marks aligned? [UPLOAD PHOTO]	Yes	No
	25. Are the positive and negative DCSC conductors on the MDS box torque marks aligned?[UPLOAD PHOTO]	Yes	No
	26. Is the DCSC ground, inside the shoulder opening, tight? [UPLOAD PHOTO]	Yes	No
	27. Are there any signs of rodent infestation?	Yes	No
	28. Are there any signs of electrical malfunction? (Check visual and smell.)	Yes	No

Post Energization

	Description	Status/Comments	
	1. Are all Power Blocks and Power Link 1000s reassembled?	Yes	No
	2. Are all personnel clear from electrical equipment?	Yes	No
	3. Is lock out / tag out removed?	Yes	No
	4. Site is re-energized.	Yes	No
	5. Is the touch screen functioning properly (gesture recognition)?	Yes	No
	6. Provide photos of the station reassembled.[UPLOAD PHOTO]		
	7. Provide photos of the Power Block exterior after reassembling all parts.[UPLOAD PHOTO]		
	8. Provide photo of the status light.[UPLOAD PHOTO]		



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