

# 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.

## Warranty Implication



**IMPORTANT:** Please be advised that all installation, commissioning, and break-fix services must be performed by a ChargePoint-certified technician. Engaging non-certified personnel for these services will result in warranty implications, as doing so constitutes a breach of policy.

## Support Services

<https://www.chargepoint.com/legal/support-services>

For more information about ChargePoint's training and certification program, visit <https://www.chargepoint.com/partners/training-certification>

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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 |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|  | <b>1.</b> Before beginning Preventive Maintenance, verify you have the following: <ul style="list-style-type: none"> <li>• Personal protective equipment</li> <li>• Required tools</li> <li>• Preventive Maintenance checklist</li> </ul> |                 |
|  | <b>2.</b> Provide photo(s) for Express Plus Power Link 1000 breaker.[UPLOAD PHOTO]                                                                                                                                                        |                 |
|  | <b>3.</b> Confirm electrical disconnecting means appear to be free of damage and in working order.                                                                                                                                        | Pass      Fail  |
|  | <b>4.</b> Confirm breakers show no signs of overheating (visually and/or smell).                                                                                                                                                          | Pass      Fail  |
|  | <b>5.</b> Confirm the electrical disconnecting means is properly locked out / tagged out.                                                                                                                                                 | Pass      Fail  |

## Questions

For assistance, go to [chargepoint.com/support](https://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. Confirm there is no damage to the exterior of the Power Link 1000.[UPLOAD PHOTO]                                            | Pass                 | Fail |
|  | 5. Confirm nameplates and labels are readable and in proper condition.[UPLOAD PHOTO]                                           | Pass                 | Fail |
|  | 6. Confirm charging cables, latching points, and switches / buttons are free of damage.                                        | Pass                 | Fail |
|  | 7. Provide photos of all charging handles (front connections, sides, top).[UPLOAD PHOTO]                                       |                      |      |
|  | 8. Verify when in the holster, the charging cable does not come in contact with the ground.                                    | Pass                 | Fail |
|  | 9. Does this Power Link 1000 use a CMK or Tool Balancer?                                                                       | CMK<br>Tool Balancer |      |
|  | 10. Verify the CMK swing arm is in good working order (extends and retracts smoothly).                                         | Pass                 | Fail |
|  | 11. Verify the tetherball is free of damage and properly attached to the swing arm.                                            | Pass                 | Fail |
|  | 12. Confirm all back screws for the swing arm are installed and torqued at 6.8 Nm (60 in-lb).                                  | Pass                 | Fail |
|  | 13. Confirm the tool balancer post is secure and not damaged                                                                   | Pass                 | Fail |
|  | 14. Verify the tetherball is free of damage and properly attached to the tool balancer.                                        | Pass                 | Fail |
|  | 15. Verify the tool balancer extends and retracts smoothly.                                                                    | Pass                 | Fail |
|  | 16. Confirm the tool balancer tension is set properly.                                                                         | Pass                 | Fail |
|  | 17. Confirm the M8 nut in the eyelet is torqued to 20 Nm (177 in-lb).                                                          | Pass                 | Fail |
|  | 18. Confirm the Power Link 1000 is level.                                                                                      | Pass                 | Fail |
|  | 19. Confirm the gland plate is fastened to the station base.<br>[UPLOAD PHOTO]                                                 | Pass                 | Fail |
|  | 20. Confirm duct seal compound is applied to seal all conduit and wiring openings. Apply duct seal if necessary.[UPLOAD PHOTO] | Pass                 | Fail |
|  | 21. Confirm DC cable labels are present and legible.[UPLOAD PHOTO]                                                             | Pass                 | Fail |
|  | 22. Confirm the 48 V DC wires do not appear burnt, melted or discolored.[UPLOAD PHOTO]                                         | Pass                 | Fail |

|  | Description                                                                                                  | Status/Comments |      |
|--|--------------------------------------------------------------------------------------------------------------|-----------------|------|
|  | 23. Confirm all DC lugs torque marks are aligned.[UPLOAD PHOTO]                                              | Pass            | Fail |
|  | 24. Confirm ground lug torque marks are aligned.[UPLOAD PHOTO]                                               | Pass            | Fail |
|  | 25. Confirm the positive and negative DCSC conductors on the MDS box torque marks are aligned.[UPLOAD PHOTO] | Pass            | Fail |
|  | 26. Confirm the DCSC ground inside the shoulder opening is tight. [UPLOAD PHOTO]                             | Pass            | Fail |
|  | 27. Confirm there are no signs of rodent infestation.                                                        | Pass            | Fail |
|  | 28. Confirm there are no signs of electrical malfunction (check visual and smell).                           | Pass            | Fail |

## Post Energization

|  | Description                                                                               | Status/Comments |      |
|--|-------------------------------------------------------------------------------------------|-----------------|------|
|  | 1. Confirm all Power Blocks and Power Link 1000s are reassembled.                         | Pass            | Fail |
|  | 2. Confirm all personnel are clear from electrical equipment.                             | Pass            | Fail |
|  | 3. Confirm lock out / tag out is removed.                                                 | Pass            | Fail |
|  | 4. Confirm the site is re-energized.                                                      | Pass            | Fail |
|  | 5. Verify the touch screen is functioning properly (gesture recognition).                 | Pass            | Fail |
|  | 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]                                       |                 |      |



[chargepoint.com/support](https://chargepoint.com/support)