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**Coverage:**

- 3 quarterly and 1 annual inspections per year.
- Inspections can be scheduled at the customer's convenience during normal working hours.
- Quarterly inspections include items 1-13. Annual inspections include items 1-15
- Service Includes digital record keeping allowing trending and historical analysis.
- Replacement batteries, emergency service, or labor for replacement not included.
- Subject to all terms & conditions as noted in the 24/7 Technology Maintenance Agreement.

***Preventive Maintenance – Detailed Check List***

1. Perform safety evaluation of battery, racks, protective equipment, environment and ventilation equipment. Note and report any discrepancies.
2. Record the ambient temperature of the battery room.
3. Clean normal cell dirt/dust accumulation.  
Note: some environments may not allow for practical management of dust accumulation.
4. Inspect each jar for signs of cracks, excessive bulging and leakage.
5. Measure and record the full string charging voltage and current.
6. Measure and record the AC ripple voltage and current.
7. Measure and record the voltage to ground for the battery system.
8. Measure and record the float voltage across each cell/jar.
9. Measure and record the specific gravity for 10% of all battery cells
10. Measure and record the specific gravity of any cells deviating from the acceptable individual cell float voltage range.
11. Measure and record the temperature of electrolyte in representative cell(s), typically one cell / tier distributed throughout battery.
12. Check electrolyte level. Water as necessary.
13. Check for corrosion on battery terminals and connectors. Clean as necessary.
14. Check and record 10% of inter cell connection resistances using a DLRO (Digital Low Resistance Ohmmeter) or equal. Re-torque/adjust as necessary.
15. Measure and record the specific gravity for 100% of all battery cells