

# Fast Charge Full Maintenance Battery/Charger Program

This Program Is Designed To Support The Warranty On Equipment Under 24/7 Hawker LifeSpeed,
Fast Charge Operating Conditions

DOCUMENTATION: Each Site Visit Must Include a Written Service Record Delivered to the Operations Manager and Supervisors. Service Record Must List Work Done, Corrective Actions Taken and Any Other Areas of Concern or Corrective Actions Recommended.

# Weekly

Water Batteries **During Charge**, And Clean Up Any Spills

While On Charge, Scan Charger To Battey Connections Using Infra-Red Temperature Gun, Temperatures Over 110 Deg F Should Be Checked And Repaired As Necessary.

Verify Charger Displays: Battery S/N, Accurate Temperature, Fast Charge & All Charger Module Lights Are Green.

Visual Inspection: Cables (Replace if Copper Strands are Cut, Heat Shrink if Insulation Only), Connectors And Handles, Intercell Connector Covers. Replace As Necessary.

Complete Battery Inspection Report If Given Cause

Check Operation Of Each Battery's Watering System

#### Quarterly

Visual Inspection Of All Components, Cables, Connectors, Vent Caps, SPW's, Cell Covers, Etc.

Record Voltages For Each Cell

Record Specific Gravity Of High And Low Voltage Cells

Check Proper Watering System Function By Removing Vent Caps On Each Cell.

Clean And Wipe Down Batteries With Non-Bicarbonate Neutralizing Solution.

Inspection Report With Pm Data And Recommended Repairs, If Any

Applicable BBWC And Charger Downloads Sent To Dc Power Technologies For Collaboration.

## **Annual PM's Chargers**

Update Control Firmware As Needed

Update Module Firmware As Needed

Blow Out Each Module With Compressed Air

Grease Connections Of Each Module

Test Charger Actual Output Vs. Rated Output

Inspect Contact Tips, Connector Housing, And Dc Cables

Inspect Ac Restraint, Ac Cord, And Ac Cord Cap

If Any Operating Issues, Download Charger Setup And Memorizations For Analysis

## **Annual**

Clean And Neutralize Batteries, Tank Wash If Necessary