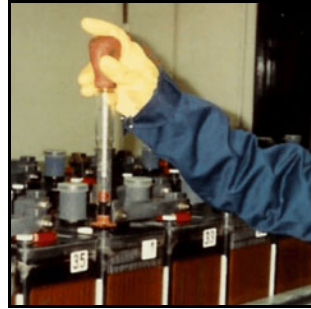


NO TIME ? NO PROBLEM ... LET BPS HANDLE YOUR MAINTENANCE

Maintenance is key to your DC system's reliability and longevity. A properly executed periodic maintenance program will alert you to potential problems before they result in outages. Many companies don't have the time, equipment, or personnel to perform maintenance on a regular basis. As a result, DC systems are ignored until they fail at a critical time. At BPS, we can help.

Our service team can take the hassle out of performing maintenance routines. BPS can custom design a program to fit your operation's requirements. In addition, you can choose how often the performance is desired: monthly, quarterly or yearly. Following each routine, our knowledgeable technicians will provide you with a comprehensive written report with their recommendations. These reports provide history for diagnostic evaluations and provide essential data that is critical in maintaining manufacturer's warranties.

As DC Specialists, BPS technicians have all the necessary equipment and experience to perform your maintenance routine, thoroughly and efficiently. Let BPS assist you in maintaining optimum performance from your power system.

- Programs Designed to Meet IEEE Requirements
- Customized for Your Operational Needs
- Comprehensive Report & Recommendations
- Warranty Support
- Emergency Service: 24 / 7
- Repairs; Factory Certified by Numerous Manufacturers



BPS PREVENTATIVE MAINTENANCE PROGRAMS

CUSTOM PROGRAMS AVAILABLE UPON REQUEST

F L O O D E D B A T T E R Y S Y S T E M S



FACILITY INSPECTION

- Record Equipment Model, Serial Numbers, & Date Codes
- Estimate Backup Time Based on Actual Load
- Check for Personal Protection Equipment
- Calculate Spill Containment Requirements
- Calculate Ventilation Requirements
- Check Condition of Ventilation Equipment
- Verify Cable Sizing Acceptable for Actual Load

RECTIFIERS

- Measure Plant Load
- Determine Load Share
- Rectifier Float Voltage
- Rectifier Equalize Voltage
- DC Current Output
- Verify all Rectifier Alarms
- Torque all Accessible Connections

FLOODED BATTERIES

- Total System Voltages
- Individual Cell Voltages
- Charger / Rectifier Output Amps & Volts
- Measure AC Ripple Current & Voltage
- Measure Float Current
- Ambient Temperature
- Representative Cell Temperature
- Visual Inspection of Cells and Rack
- Cell Surface Cleaning
- Torque Battery Rack Bolts
- Specific Gravity Readings
- Internal Cell Temperature
- Verify Electrolyte Levels
- Distilled Water Addition
- Visual Inspection Plates & Sediment Levels

PERIODICALLY

As Required: Quarterly / Semi-Annually / Annually

- Torque Intercell Connections
- Connector Resistance Readings
- Internal Ohmic Measurements
Conductance or Internal Cell Resistance
- Distribution: Scan Connections with Infrared Thermometer
- UPS & Inverters: Check AC Waveform & Harmonics

AS REQUESTED

- IEEE Capacity Testing
- 24 Hour Emergency Service
- Temporary Power Rentals
- Repairs; Factory Certified by Numerous Manufacturers

V R L A B A T T E R Y S Y S T E M S



FACILITY INSPECTION

- Record Equipment Model, Serial Numbers, & Date Codes
- Estimate Backup Time Based on Actual Load
- Check for Personal Protection Equipment
- Calculate Spill Containment Requirements
- Calculate Ventilation Requirements
- Check Condition of Ventilation Equipment
- Verify Cable Sizing Acceptable for Actual Load

RECTIFIERS

- Measure Plant Load
- Determine Load Share
- Rectifier Float Voltage
- Rectifier Equalize Voltage
- DC Current Output
- Verify all Rectifier Alarms
- Torque all Accessible Connections

VRLA BATTERIES

- Total System Voltages
- Individual Cell Voltages
- Charger / Rectifier Output Amps & Volts
- Measure AC Ripple Current & Voltage
- Measure Float Current
- Ambient Temperature
- Representative Cell Temperature
- Visual Inspection of Cells and Rack
- Cell Surface Cleaning
- Torque Battery Rack Bolts

PERIODICALLY

As Required: Quarterly / Semi-Annually / Annually

- Torque Intercell Connections
- Connector Resistance Readings
- Internal Ohmic Measurements
Conductance or Internal Cell Resistance
- Distribution: Scan Connections with Infrared Thermometer
- UPS & Inverters: Check AC Waveform & Harmonics

AS REQUESTED

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BATTERY POWER SYSTEMS, INC.

Pacific, WA ■ Ph: 253.931.8222 ■ Fax: 253.939.7380 ■ Web: www.batterypowersystems.com

OUR KNOWLEDGE IS YOUR POWER

BPS Periodic Maintenance Services, # 311-0502 Rev. 01-22-08