

## VRLA Semi-Annual Maintenance Recommendations

- Measure and record overall float voltage measured at the battery terminals
- Measure and record charge output current and voltage
- Measure and record ambient temperature of battery room or cabinet
- Check condition of ventilation and monitoring equipment
- Visual inspection of cell/unit integrity for evidence of corrosion at terminals, connections, racks, or cabinets and  
area around battery for accessibility
- Check for excessive jar/cover distortion
- Measure and record DC float current (per string) using equipment that is accurate to less than 1A current
- Measure and record cell/unit internal ohmic values
- Measure and record temperature of the negative terminal of each cell/unit of battery
- Measure and record voltage of each cell/unit
- Measure and record cell to cell and terminal connection detail resistance of entire battery
- Measure and record AC ripple current and/or voltage imposed on the battery