



Powering Business Worldwide

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## **VRLA Battery Replacement Guidelines**

### **Scope of Work**

### **Attachment R-9**

VRLA Batteries will be considered for replacement when:

- The battery voltage falls outside of its recommended operating range and fails to respond to corrective action.
- The battery's internal ohmic value deviates by more than 20% from the average of all of the connected cells/units and fails to respond to corrective action.
- Battery failures which are identified as having 80% or less of manufacturer's rated capacity.
- When evidence of electrolyte is found on the battery case/jar and repair or cleanup is ineffective.
- When there is damage to the battery case/jar that is due to an internal failure.

VRLA Battery Strings will be considered for replacement when:

- More than 20% of the total connected cells/units fail under one or more of the individual replacement guidelines at one time and fail to respond to corrective action.

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