



## **Envirolink™ Application Checklist**

### **IS THE HAWKER ENVIROLINK™ BATTERY RIGHT FOR YOUR OPERATION?**

#### **VRLA: THE ENVIRONMENTAL CHOICE**

The HAWKER ENVIROLINK™ is a valve-regulated lead acid (VRLA) battery, and is the perfect environmental power choice for your operation. Because the electrolyte has been immobilized within each cell, and the vent cap has been replaced with a permanent valve:

- You never need to add water or be exposed to the hazards of sulfuric acid.
- You do not have to be exposed to the hazards of hydrogen gas, which is generated during recharge on standard flooded batteries.
- You can use and charge equipment in remote or decentralized areas because of the reduction of hydrogen gas generation.
- Your work area will remain cleaner and safer.
- Your VRLA batteries require virtually no maintenance – saving you both time and money.
- You can opportunity charge (charge during the shift) with VRLA batteries as long as the battery is given a normal full charge each day.

Valve-regulated batteries do, however, perform differently from their flooded battery counterparts, and may not be suitable in some types of applications.

Please check that your application meets ALL of the following requirements:

- Your equipment is equipped with a lift lock-out or other device to take the truck out of service, when the battery reaches 1.90 VPC. An indication of the depth of discharge by the truck meter (time of use) is not sufficient.
- The charger has a profile approved for gel batteries.
  - If the charger is a LIFEPLUS® 2000 charger with designated software, an 6-8 hour charge time is required after 80% DOD.
  - If the charger is a HAWKER POWERGUARD™ SCR or POWERGUARD™ CFR, an 8 hour charge time is required after 80% DOD.
- The maximum number of cycles per day is 1 (one discharge and one full recharge).
- The maximum number of working days is 6 when the battery must be charged in 8 hours.
- No electric appliance (for example: warning beacon, light, heater, radio, etc.) will be directly connected to some/any cells of the battery.

- The temperature range of use for the battery is between 50 F and 100 F. Any use outside this range must be approved by HAWKER.

If your application meets ALL of the above requirements, ENVIROLINK™ (VRLA) batteries are a suitable choice for your application.

**ENVIROLINK™...The environmental choice for power.**

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