

MAINTENANCE BROCHURE
Battery Testing



H&MV
ENGINEERING

BATTERY TESTING

Battery banks provide an independent source for switchgear control, engine generator set starting, signal and communications systems, laboratory power, emergency lighting, and other applications. Batteries are the essential component of any Uninterruptible Power Supply (UPS).

The true measure of the battery's condition is how it performs under load. Industry standards recommend the replacement of a battery when it reaches 80% of its rated capacity. A good rule of thumb is 5-year life span for batteries. Yet for many sites the battery room is a forgotten chamber.

Undercharged batteries will not perform as expected - when they are needed. The overcharging of batteries can result in the breaking down of the electrolyte into gases, that if allowed to accumulate may result in an explosive mixture. Load testing is the only accepted way to determine where the battery is on the capacity vs. time curve for the particular cell or unit. Weak or bad cells can then be identified and replaced.

When was the last time your batteries were tested? H&MV Eng offers Preventive Maintenance Services including:

- Load Testing of Systems and Batteries
- Tailored Inspection whether Annual, Semi-annual or Quarterly
- Battery Installation
- Installation of New UPS Systems

