

FLOODED BATTERY INSPECTION

Inspection Agreement – Flooded Batteries and Chargers

Our service team members will inspect a portion of the contracted equipment on each visit. The team member will provide a quote for necessary repairs per the inspection report and as noted on the customer’s problem report.

Standard Inspection Items

Batteries

- Inspect cables
- Read and record cell voltages
- Inspect connectors
- Inspect posts and top covers
- Inspect connector shrouds
- Inspect intercell connectors
- Check for leaks
- Check electrolyte levels
- Confirm specific gravity of low voltage cells
- Inspect contacts
- Neutralize and wipe clean

Factory trained technicians will perform inspections. All materials used will be removed from the customer’s site. A complete inspection of the batteries will be done to ensure that all items are operational.

Chargers

- AC/DC fuses
- Ammeter
- Cables
- Connectors
- Contacts
- Check start and finish rates

Our technician will verify that all fuses are functioning, both AC and DC, and that the ammeter is working. We will inspect cables, connectors, and contacts, and identify worn or damaged parts and recommend replacement if necessary. We will also verify the start rate and finish rate on all chargers.

Miscellaneous Equipment

- Battery watering equipment

We will inspect all watering systems, including Flow-Rite, Philadelphia Scientific and BFS.

Battery Monitoring and Trend Analysis

If contracted, we will provide operational and efficiency reports on batteries with Battery Data Recorders (BDRs) and conduct scheduled review meetings.

FLOODED BATTERY REPAIR

Repair Agreement – Flooded Batteries and Chargers

We will inspect and repair the equipment listed in the repair log on each scheduled visit. The inspection and repairs will include the items listed below. The equipment noted in the repair log will be repaired and ready to be back in operation by the end of the scheduled service call.

Batteries

| Noted condition | Action |
|------------------------------|------------------------------|
| Low specific gravity | Acid adjust battery* |
| Burned contacts | Replace |
| Cut cables | Replace as needed |
| Damaged connectors | Replace |
| Damaged intercell connectors | Replace |
| Damaged posts | Repair or replace as needed |
| Damaged top covers | Repair or replace as needed |
| Damaged tray | Repair or replace as needed |
| Excessive corrosion | Remove and neutralize |
| Leaking cells | Replace cells |
| Inconsistent cell voltages | Acid adjust* or replace cell |
| Missing connector shrouds | Replace |
| Missing vent caps | Replace |

Chargers

| Noted condition | Action |
|----------------------|---------------------|
| Burned contacts | Replace |
| Cut cables | Replace as needed |
| Damaged connectors | Replace |
| Faulty control board | Replace |
| Low output | Evaluate and repair |
| No output | Evaluate and repair |

*Acid adjustment may require in-shop service.