

VALVE REGULATED BATTERY INSPECTION

Inspection Agreement – Valve Regulated 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 terminal bolt torque

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

Verify charger profile

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.

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.

VALVE REGULATED BATTERY REPAIR

Repair Agreement – Valve Regulated Batteries and Chargers

Our service team members 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
Damaged contacts	Replace
Cut cables	Replace as needed
Damaged connectors	Replace
Damaged intercell connectors	Replace
Damaged posts	Replace cell
Damaged top covers	Replace
Damaged tray	Repair or replace as needed
Punctured cells	Replace cell
Inconsistent cell voltages	Test and repair as needed
Missing internal connector shrouds	Replace
Leaking pressure relief valve	Replace

Chargers

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