

Batteries How To

Maintenance

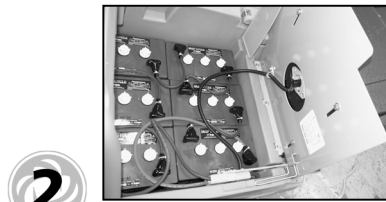
For all wet acid battery maintenance, use appropriate safety equipment including safety glasses, rubber gloves, and rubber apron. Follow all safety precautions outlined in the Operators Manual/Instructions for Use.

Weekly Maintenance



1

- Open the battery compartment.



2

- Remove battery vent caps.



3

- Verify that water level in each battery cell is filled to the proper level indicator. (1/4 inch below down tube)



4

- If needed, add distilled water using a battery filling dispenser to fill each cell to the proper level, 1/4 inch below down tube. Do not overfill batteries.



5

- In case of spill, remove excess water from the battery tray.

Monthly Maintenance



1

- Open the battery compartment.



2

- Wipe dirt, dust, debris, corrosion, etc. from battery tops.



3

- Check terminals for corrosion. Clean terminals that show signs of corrosion.

Batteries How To

Bi-Annual Maintenance

1



- Allow batteries to complete two back to back charge cycles.

2



- Measure the specific gravity of each battery cell. Replace batteries if any cell falls outside of the criteria (see 3).

3



- If any two cells in a battery vary more than 0.050 the entire battery pack should be replaced. Example: Three cells in one battery measure 1.265, 1.277, and 1.220. The difference between the highest and the lowest values is 0.057. This battery would be considered to have a bad cell. If the set of batteries have been in service for a lengthy period of time, the entire set of batteries should be replaced. Consult the cleaning equipment manufacturer's technical service department for specific questions.