

Alert Level: **INFORMATIONAL**

Instruments: WTS-LV Samplers with drop-in battery holders

Software Versions: WTS-2.00 and higher

Hardware Version: N/A

Subject: Rechargeable Batteries for Drop-in Battery Holders

Summary: Information about Rechargeable NiMH Batteries for WTS-LV with Drop-In Battery Holder

Technical Details: WTS-LV samplers with drop-in battery holders can use 24 “D” alkaline batteries or 24 rechargeable nickel-metal hydride (NiMH) batteries. The NiMH cells require 6-8 hours to charge and provide 2/3 of the 24 “D” cells capacity.

McLane has performed testing using Tenergy rechargeable batteries. Any equivalent 10Ah batteries can be used.

Important: If nickel-metal hydride batteries are used in the drop in battery holder, the voltage thresholds differ and trigger battery warnings at different voltages than the alkaline “D” cells.

The battery configuration is defined in the firmware after setting the time.

```
[A]lkaline or [N]ickel-metal hydride batteries installed? [N] ? A
Configured for Alkaline pack or drop-in cells
Battery warning at 32V, Minimum Battery set to 20V
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Figure 1: Battery Configuration