

Manhattan Fire Protection District

Standard Operating Procedure	Section: EMS	Page 1 of 1
	Subject: AutoPulse Battery Rotation	Date 6-28-11 SOP# 1101-1

PURPOSE:

To establish a policy for proper rotation and handling of Zoll AutoPulse batteries.

SCOPE:

This policy applies to all members of the Manhattan Fire Protection District.

DEFINITION:

Every morning during vehicle checks the AutoPulse batteries must be rotated to ensure that the batteries are charged to an acceptable level. Also monthly the AutoPulse batteries are to be tested to ensure the life expectancy of the batteries.

APPLICATION:

Battery Rotation:

- During morning ambulance checks the battery that is in the unit and the spare battery are removed and placed in the battery charger. The batteries that are in the charger are moved to the unit. One battery goes into the unit itself and the other goes into the spare battery pouch. (it does not matter which one)
- After the batteries are rotated make sure the unit is turned on for a couple of seconds to record the batteries serial number into the computer.
- This rotation is done on a daily basis.
- You must log this rotation process daily on the “Autopulse Battery Rotation Log” that is attached to the appropriate ambulance clipboard. (see attachment)

Battery Testing:

- On the first day of every month the AutoPulse batteries need to be deep cycle tested. When the batteries from the unit are removed and placed in the charger the batteries need to be ran through the “test cycle.” Once the first set of batteries completes the “test cycle” the next set of batteries from the unit must be tested. A total of 4 batteries will be tested per unit while always maintaining at least 2 batteries in service with the unit at all times.
- This test cycle can run anywhere from 4 to 12 hours depending on how much the battery has been used. During the testing process the battery should never be removed, this can damage the battery.
- After the testing cycle is complete the date of the test and the initials of the individual running the test need to be written on the back of the batteries.

Signature Chief Dan Forsythe Date 6-28-11