IV. Sampling (continued)

B. Record the time at start. If for any reason sampling is interrupted, record the stop and restart times, as the total running time is required to calculate the sample size (0.0424 $ft.^3$/min. x minutes = $ft.^3$ = sample size).

C. Check the sampling rate at least once every hour and re-adjust the rheostat to provide the required sampling rate if necessary. Record the rate found if different than the calibrated value (required to correct the sample volume).

D. Ambient temperature and relative humidity should be recorded on work sheet.

E. Disconnect the filter and prepare for shipping (See I-C) after finish of sample period.

F. Remove battery and place in charger.

V. Battery Charger

A. Open charger case and place battery in the bracket - observe polarity - be sure the positive (+) end is in contact with the positive clip.

1. Reversed polarity may cause the battery to explode.

B. Then, plug into a 110 volt AC outlet and charge at least 10 hours before re-use.

C. Never connect the charger to the 110 volt AC circuit without a battery in place, or remove a battery from the charger without first disconnecting from the 110 volt AC source. The rectifier elements will burn out in a few minutes unless a battery is in place with the current turned on.

D. The batteries may be left on charge indefinitely as a fully charged battery ceases to draw charging current.