

Personal Electric Device And Lithium Battery Safety Procedure

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Personal Electric Device And Lithium Battery Safety Procedure

I. Purpose

The intent of this procedure is to provide requirements for Personal Electric Devices (PEDs)

III.

- in any manner that would impede ADA access,
- adjacent to or affixed to structures, architectural elements, or artwork including but not limited to handrails, fences, benches, light poles, sign poles, sculptures, etc.,
- in a manner that causes damage to UNC property.

IV. Lithium Battery

- UNC lithium batteries can be collected by Environmental Health and Safety (EHS) for recycling through the Universal Waste Management Program. Submit a Facilities Management work request to schedule a pickup.

V. Laptops and Similar Devices

Lithium batteries found in laptops, cell phones, and similar devices usually, if from a reputable manufacturer, require no user input for charging other than connecting it to the provided charging cable. They contain a Battery Management System (BMS) in the battery pack that controls the charging process. The following guidelines should be followed:

- Use the supplied charging cable and AC adapter from the manufacturer.
- Do not use if there are any signs of damage to the charger or power cord.
- Do not use if the battery shows signs of damage such as heating, discoloration, deformation, bulging or swelling.
- Follow all manufacturer recommendations and be alert for anomalies like unusually hot batteries.

VI.