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**NAVY PUBLIC WORKS CENTER  
NORFOLK, VIRGINIA  
UTILITIES DEPARTMENT**

**STANDARD OPERATING PROCEDURE / JOB HAZARD ANALYSIS**

**TITLE  
USING PORTABLE BATTERY CHARGER**

**PROCEDURE NUMBER  
WC 627 HVE 020**

**DISTR:  
Code 601C.3  
Code 610.E1  
Code 620  
Code 622  
Code 622.2**

**SIGNED: \_\_\_\_\_ (DATE)**

**APPROVED: \_\_\_\_\_ (DATE)**

**SAFETY PROFESSIONAL: \_\_\_\_\_ (DATE)**

**MANAGEMENT OFFICIAL: \_\_\_\_\_ (DATE)**

**DATE: \_\_\_\_\_**

**REVISION DATE: \_\_\_\_\_**



## USING PORTABLE BATTERY CHARGER

**Purpose:**

Procedure to use a portable battery charger.

**Potential Energy Sources:**

1. Battery DC power
2. AC power to battery charger

**Tools and PPE:**

Tools: PPE: Acid resistant gloves, acid resistant apron, safety shoes, and full face shield.

**References:**

1. PWC Occupational Safety and Health Program Manual, PWCNORVAINST 5100.33E
2. Occupational Safety and Health Standards for General Industry (29 CFR PART 1910): Subpart I, Personnel Protective Equipment.

**Procedures:**

1. Ensure the battery charger's start/stop switch is in OFF position.
2. Ensure battery charger safety inspection is up to date. If not, perform the necessary electrical safety check.
3. Connect the charger's negative lead(black) to the battery's negative(-) terminal.
4. Connect the charger's positive lead(red) to the battery's positive(+) terminal.
5. Select proper voltage setting on the battery charger.
6. Turn the battery charger on and adjust the rate of charge.
7. Turn the charger's start/stop switch to OFF after the battery is fully charged.
8. Unplug the power cord.
9. Disconnect the charger leads in opposite order of placement.

END