INCIDENT INVESTIGATION ASSIGNMENT INSTRUCTIONS

High Energy Density Battery Fires – Personal Transportation Equipment
(Including Hoverboards, Scooters, E-Bicycles)

DOCUMENT NUMBER:

DATE OF INCIDENT: **CATID: BUNN04 2020**

FOLLOW-UP REQUESTED **HAZARD ANALYSIS ☒ SECT 15 ☐**

PRIMARY CONTACT: **Mary Murphy, CEL, 301-504-7809, MMurphy@cpsc.gov**
BACKUP CONTACTS: **Doug Lee, ESEE, 301-987-2073, DLee@cpsc.gov**
Jay Kadiwala, ESEF, 301-987-2517, Jkadiwala@cpsc.gov
MECHANICAL HAZARDS: **Shaina Donahue, CFI, 240- 638-6957, SDonahue@cpsc.gov**

Personal Transportation Equipment Lithium Battery Hazmat/DOT Regulations Contacts:

- **Barbara Wilson, CFI, 832-437-8900**
- **Lori-Ann Lytle, CFI, 860-210-1955**

ASSIGNMENT MESSAGE:
Lithium Battery e-mobility device samples need to be shipped in accordance with DOT Hazmat Regulations. Not all devices can legally be shipped. Contact Barbara Wilson or Lori-Ann Lytle **PRIOR** to sample collection.

Contact the requestor prior to initiating investigation to determine whether sample collection is desired.

Collect the following information on the use patterns and history of the incident device:

1. What was the operating mode of the device when the incident occurred (e.g., during charging, use, etc.)?
2. How old is the device?
3. Was it charged before first use?
4. General charging pattern including frequency and duration
5. Were the original charger and charging cords or cables used with the device?
6. Provide a description of charger and cables.
7. Temperature device was stored, charged, and used.
8. Was device used in rain or cold weather?
9. Weight of rider(s), if applicable.
10. Use pattern of device such as: Frequency of use, describe use to characterize battery loading: short runs of quick starting, stopping, and turning; long runs of x yards; or a combination of both; stalled motor conditions, etc.

More specific details of the 24 hours up to the incident:

11. When was it charged last and how long?
12. How many times had the device been charged prior to the incident?
13. Include rest time between use and charging (or charging and use).
14. Temperature and environment (indoors, rain, ice,…) e-mobility device was used at during time of incident.
15. How was the device being used just prior to the incident?

For internet connected incident products (IoT) where the internet connection has led to the incident, describe how the remote connection to the internet caused the safety hazard and collect information on the smartphone or other internet connected device and software versions used on the internet connected device.

Please include all primary and all backup contacts in the distribution of the completed IDI.
For IoT cases, please also include Doug Lee, EXHR, in the distribution of the completed IDI.

_ Area below will be completed in Data Systems _

Person(s) to Contact:

Guidelines: CPSC Guidelines When Collecting And Shipping A Hoverboard
For Internet of Things: IoT/Connected Products – Appendix 140

Task Number: **Date:**

Assigned to: **Processed by: lew**