

| <u>SUBJECT</u> | | <u>DATE</u> |
|--|--------|--------------|
| 1056. Hazardous Waste Tanks and the Less than 90-Day Accumulation Time Limit | ENCORE | APR 23, 2015 |
| 1057. Decharacterized RCRA Waste - Manifesting and LDR Reporting | ENCORE | APR 30, 2015 |
| 1058. Decharacterized Hazardous Waste Listed Solely for Non-Toxic Characteristics | ENCORE | MAY 7, 2015 |
| 1059. Decharacterized Wastes, <90-Day Accumulation Time Limits and LDR Storage Prohibition | ENCORE | MAY 14, 2015 |
| 1060. Decharacterized Wastes and the LDR Dilution Prohibition | ENCORE | MAY 21, 2015 |
| 1061. Hazardous Debris Macroencapsulation and Size Reduction | ENCORE | MAY 28, 2015 |
| 1062. Universal Waste Lamps and Prohibition on Crushing | | JUN 4, 2015 |
| 1063. F003 Listed Hazardous Waste and the 10% Rule | ENCORE | JUN 11, 2015 |
| 1064. F001 - F005 Listed Hazardous Waste and the 10% Rule | ENCORE | JUN 18, 2015 |
| 1065. Macroencapsulation of Hazardous Debris and Presence of Free Liquids | ENCORE | JUN 25, 2015 |
| 1066. DOT Shipping of Damaged, Defective or Recalled Lithium Batteries | | JUL 1, 2015 |

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TWO MINUTE TRAINING

TO: CH2M HILL PLATEAU REMEDIATION COMPANY

FROM: PAUL W. MARTIN, RCRA Subject Matter Expert
CHPRC Environmental Protection, Hanford, WA

SUBJECT: DOT SHIPPING OF DAMAGED, DEFECTIVE OR RECALLED LITHIUM BATTERIES

DATE: JULY 1, 2015

| <u>CHPRC Projects</u> | <u>CH PRC - Env. Protection</u> | <u>MSA</u> | <u>Hanford Laboratories</u> | <u>Other Hanford Contractors</u> | <u>Other Hanford Contractors</u> |
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TWO MINUTE TRAINING

SUBJECT: DOT Shipping of Damaged, Defective or Recalled Lithium Batteries

Q: What are the new DOT shipping requirements for damaged, defective or recalled lithium batteries and what are the voluntary and delayed compliance dates?

A: On [August 6, 2014](#) DOT promulgated new rules for the shipment of damaged, defective or recalled lithium batteries. At that time, the voluntary compliance date was August 6, 2014 with a delayed compliance date of February 6, 2015. However, on [January 8, 2015](#), DOT amended the voluntary compliance date to January 1, 2015 and the delayed compliance date to January 1, 2016.

Due to recent fire and smoke events on aircraft suspected of being caused by lithium batteries, DOT promulgated new rules on the shipping of damaged, defective and recalled lithium batteries. At [49 CFR 173.185\(f\)](#) it basically states that damaged, defective or recalled lithium batteries must be:

- Packaged individually in a non-metallic inner container;
- Placed inside a Packing Group I container, and;
- Surrounded by a cushioning material that is non-combustible, non-conductive and absorbent;
- Marked as “Damaged/Defective Lithium Ion Battery” and/or “Damaged/Defective Lithium Metal Battery” as appropriate;
- Transported by highway, rail or vessel. Transportation by air is prohibited.

SUMMARY:

- Due to recent aircraft events suspected of involving lithium batteries, DOT promulgated new rules.
- Damaged, defective or recalled lithium batteries must be packaged per 49 CFR 173.185(f)
- The new rules originally had a voluntary compliance date of August 6, 2014 with a delayed compliance date of February 6, 2015 but later amended to January 1, 2016.

Nothing is attached to the e-mail. If you have any questions, please contact me at “Paul_W_Martin@rl.gov” or at (509) 376-6620.

FROM: Paul W. Martin

DATE: 07/01/15

FILE: c:\...\2MT\2015\070115.rtf

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