

Discussion Topics

- Universal Waste Management Basics
- DTSC vs. CIWMB
- Environmental Regulatory Agencies vs. Enforcement Authority
- Common Violations
 - Electrical vs. Electronic Devices
 - Microwave Conundrum
- Questions??

Universal Waste Management Standards

- Title 22, Chapter 23
- Includes regulations on u-waste handlers, transporters and destination facilities.
- Performance vs. Prescriptive Framework
- Use of alternative management standards
- Gold Standard

DTSC vs. CIWMB

- DTSC regulates the management of Hazardous Waste in California
- CIWMB regulates solid waste
- Terminology
Handler/recycler vs. Approved collector or Approved collector/recycler (dual entity)

Environmental Regulatory Agencies vs. Program w/Enforcement Authority

- Understand that the regulatory agency and the agency which has been delegated authority to enforce certain requirements may be different.
- DTSC vs. Certified Unified Program Agencies.
- LEA and CUPA coordination is VITAL!!

Inspection/Enforcement Authority

- LEA's may cite a facility for solid waste violations and may also refer a case to the CUPA for hazardous waste generator violations.
- LEA may be the CUPA.
- Importance of having a relationship with your LEA and CUPA.
- They are ultimately responsible for implementing the program's requirements.

What's wrong and/or right with this picture?

Keeping the regulations in mind, identify any problems you find with the picture displayed.

1. Why is it proper or improper management?
2. If there are problems, what should be done instead?
3. Do you need to contact someone? Who?

16







FIRE EX
ACCESS
DOOR

Electrical or Electronic?



Microwaves



Fluorescents

- In the news
- Most people don't know they are Universal Wastes!!!
- Health & Safety Issues

Types of Ballasts

- If they are not marked “non-PCBs” and/or they were manufactured during or before 1978, they likely contain PCBs. Managed under Chapter 42.
- If they say “non-PCBs” and/or were manufactured after 1978, they may have DEHP and are magnetic (heavy)
- Electronic ballasts should be labeled as such

Waste? Treatment? Reuse?



Give us a scenario