



WESTERN CONNECTICUT STATE UNIVERSITY

FLUORESCENT LAMP RECYCLING PLAN

PROCEDURE **E-107**

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Please direct any questions or comments about the applicability of this document to
Pano Koukopoulos, Director of Environmental Health and Safety

1.0 PURPOSE

The purpose of this procedure is to establish policy on the accumulation and collection of fluorescent lamps for recycling. Florescent lamps in Connecticut that do not come from households are considered a hazardous waste due to their mercury content and may not be disposed of in the solid waste stream. Fluorescent lamps are subject to the provisions of Connecticut General Statutes. Noncompliance with this policy will result in regulatory action and may lead to fines levied by regulatory agencies.

2.0 SUMMARY OF APPLICATION

The State of Connecticut requires that all spent fluorescent lamps be collected, controlled, and recycled in accordance with the Universal Waste Rule as adopted by the State of Connecticut (10/31/2000). Generators of RCRA hazardous mercury-containing lamps must manage them onsite in accordance with the requirements for packaging, labeling, marking, and accumulation time as found in section 22a-449(c)-102 RCRA, incorporating 40 CFR 262, and in 49 CFR Subchapter C – Hazardous Materials Regulations (DOT requirements). Lamps should be stored in a manner that will minimize breakage. DEP requires generators of RCRA hazardous mercury-containing lamps to ensure that the lamps are transported to a facility permitted to accept such waste.

3.0 SUMMARY OF FUNCTION

A designee of the Director of Environmental and Facilities Services collects the spent lamps monthly from designated accumulation sites and transports them in approved cardboard boxes to the central collection site in the Warehouse at 190 White Street. At the central collection site, lamps are sorted and packaged into approved fiber barrels. If fiber barrels are not available or full, cardboard boxes of the appropriate size may be used. All containers must be labeled “Universal Waste –Fluorescent Lamps” and dated at the start of the accumulation. The accumulation time limit is one year.

4.0 OPERATIONAL RULES

Authorized receptacles are located in each building on the Midtown and Westside campuses. Lamps are segregated into labeled receptacles according to their shape at the accumulation sites. U-shaped lamps are contained in square fiber barrels and straight lamps in cardboard boxes. An alternate receptacle can be any cardboard box in good condition of the appropriate size and labeled. Under no circumstances are fluorescent lamps allowed to accumulate or be stored outside of these labeled receptacles.

The designated rooms for the accumulation of spent lamp ballasts are as follows:

Midtown Campus		Westside Campus	
Building	Room#	Building	Room#
Berkshire Hall	002	Ella Grasso Hall	Main Valve Room
Fairfield Hall	Basement Handicap Bathroom	O'Neill Center	Receiving (adjacent to Gate 5)
Haas Library	Basement Mechanical Room	WS Classroom Building	124 (time clock)
Higgins Hall	Fire Alarm Panel Room	A. Searle Pinney Hall	Loading Dock
Litchfield Hall	Mechanical Room	Westside Residence Hall	E034 Storage
		Centennial Hall	Maintenance Room
		Visual Performing Arts	Basement Custodial Closet
Newbury Hall	Basement-Machine Room		
Old Main	Sub-Basement next to old elevator shaft		
Police/Maintenance	Garage (near door)		
Student Center	008 (storage)		
University Hall	Electrical Room		
Warner Hall	Room Across From 113		
White Hall	Main Valve Room (inside 031)		
Science Building	105 – Recycling		

Custodial/Maintenance Responsibilities

The maintainer staff is required to place all spent ballasts into authorized receptacles in the room designated for the building they are working in.