

TINKER AIR FORCE BASE PCB FILLED BALLAST  
AND  
UNIVERSAL WASTE LAMP ABATEMENT SPECIFICATIONS

Table of Contents

<u>PART</u>	<u>TITLE</u>	<u>PAGE</u>
Part A	General	PCB-1
Part B	Ballast Removal	PCB-2
Part C	Disposal of Fluorescent and other Universal Lamps	PCB-3

TINKER AIR FORCE BASE PCB FILLED BALLAST  
AND  
UNIVERSAL WASTE LAMP ABATEMENT SPECIFICATIONS

PART A

**GENERAL**

The abatement requirements for handling and disposal of ballast and fluorescent lamps are stated herein. The drawings or statements-of-work for projects that require handling and disposal of ballast and/or fluorescent lamps are outline in this attachment. In case of a conflict between these requirements and project drawings or specifications, these requirements shall govern.

The following regulations, their appendices, guidelines, memorandums, attachments, and other pertinent documents, which form a part of these regulations, shall apply in their entirety.

PART B

**BALLAST REMOVAL**

1.1 Point of Contact : On TAFB, the point of contact for work involving PCB is OC-ALC/EMCO, 734-4188.

1.2 The use of open top 55-gallon drums with lid and lock band is recommended. The drums can be obtained from Bldg. 808 between the hours of 0700 and 1500. A government representative should call EMOE, 734-3278 or 734-3279 and schedule an appointment to pick up the drums. If prior approval for the generation of the PCB ballasts has not been established, then the government representative must request the approval through the Unit Environmental Coordinator of the generating organization. Labels and DRMO turn-in documents, DD Form 1348-1a, will be furnished with drums. A start date must be annotated on a label at the time the first ballast is placed in a drum. When the drums have been filled, the removers will contact DRMO at 739-2204 and schedule a time to deliver drums to Bldg. 810. The remover shall use care in making economical use of government furnished materials.

1.3 Personnel Protection During Ballast Removal: Personnel removing the ballast from light fixtures shall wear rubber gloves and eye protection. Wearing a Ty-Vek suit is recommended.

1.4 Floor Covering Requirements: In preparation for ballast removal, the contractor shall spread 6-mil polyethylene sheeting on the floor of the area where the removal is performed. The sheeting shall be sealed at the joints and shall extend 3 feet beyond the work area. Damaged, holed, or torn sheeting shall be resealed before ballast removal work continues or resumes. The purpose of the sheeting is to contain spills.

1.5 Ballast Removal: Ballast having labels with the words "NO PCBs" or labels with similar words having the same meaning, may be disposed of with the light fixture. All other ballast, regardless of age, will be assumed to contain PCB. Ballast containing, or assumed to contain,

PCB may be removed from mounted light fixtures, or the entire light fixture may be removed and taken to a ballast removal area. Floor covering requirements must be met if ballast is removed from mounted fixtures, and ballast shall not be dropped, thrown, or miss handled. Open top 55-gallon drums, with lids and lock bands, shall be used for disposal of the ballast.

1.6 Removal Of Leaking Ballast: Ballast removal shall be immediately discontinued if any sign of a black tar-like substance is discovered on a ballast, light fixture, or cover. The contractor shall don a Ty-Vek suit, along with the rubber gloves and eye protection before continuing work. Light fixtures, covers, and ballast with the black tar-like substance shall be scraped and wet wiped with an approved solvent until clean and no visible signs of the tar-like substance remain. Kerosene is a government pre-approved solvent. Use of other solvents must be submitted, for approval, to EMOE prior to use. EMOE personnel can be contacted at 734-4188.

1.7 Disposal of Tar-Like Substance Cleaning Materials: The remover shall place all tar-like substance residue and materials with the tar-like substance on them (such as Ty-Vek suits, disposable scrappers, rags, and floor covering) in a separate steel drum. The external surface of all drums, lids, and lock bands shall be thoroughly cleaned of all tar-like substance, labeled and sealed.

1.8 Disposal of The Drums: The contractor shall complete Form 1348 (obtained from EMCO, 734-3278) prior to delivery of drums to DRMO. The drums containing PCB ballast and those containing rags, towels, residue, etc. will be transported to building 810, and placed on the wooden pallets (four drums to a pallet). The objective being that DRMO personnel will be able to use a forklift to transport the pallet mounted drums.

## PART C

### DISPOSAL OF FLUORESCENT AND OTHER UNIVERSAL LAMPS

1.1 Point of Contact for Waste Lamp Disposal: On TAFB, the point of contact for work involving waste lamps is OC-ALC/EMCO 734-4585.

1.2 Background: The U. S. Environmental Protection Agency (EPA) has promulgated regulations governing the accumulation and disposal of Universal Waste Lamps. These regulations became effective in January 2000, and amendment the EPA Universal Waste Rule, dated 11 May 1995. The Oklahoma Department of Environmental Quality (DEQ) has adopted the EPA rules for waste lamp regulations.

1.3 Containers for Disposal of Lamps: Containers for disposal of waste UW lamps (fluorescent lamps) are available to the contractor through building 808, EMCO, 734-3278, TAFB. Containers can not be received from EMCO without the proper government release. The contractor shall coordinate with the Project Inspector for this release. The Project Inspector, in turn, shall coordinate with Civil Engineering Quality and Safety Unit Environmental Coordinator (CECQS) to obtain the release. Once the release has been obtained, the contractor shall be responsible for picking up and transporting the

containers. The contractor shall use care in making economical use of government furnished materials.

1.4 Lamp Removal: Assume all fluorescent lamps on TAFB, regardless of age, are harmful to the environment. The government will provide the containers, for disposal of the lamps. After all waste lamps have been placed in the containers, identification and hazard labels shall be placed on each container.

1.5 Disposal of Containers: Prior to transporting containers, a Tracking Log shall be completed. The containers shall be transported to the Waste Lamp Consolidation Site (WLCS) near building 808.