

**CONDITIONAL EXCLUSIONS
FOR
USED CATHOD RAY TUBES**

NOTE: This inspection checklist applies to CRT collectors and processors of used intact and used broken cathode ray tubes (CRTs) that are destined for recycling. It does not apply to companies who generate and store CRTs. Used, intact "CRTs" as defined in rule [3745-50-10](#) of the Administrative Code (and below) are not wastes within the United States unless they are disposed, or unless they are speculatively "accumulated speculatively" as defined in paragraph (C)(8) of rule [3745-51-01](#) of the Administrative Code by CRT collectors or glass processors.

RECYCLERS RECEIVING BROKEN USED CRTS AND PROCESSED CRT GLASS UNDERGOING RECYCLING

1.	Prior to processing,.		
	a.	Are used broken CRTs stored properly by by: [3745-51-39(A)(1)] as follows: (A used, broken CRT means glass removed from its housing or casing whose vacuum has been released)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	i.	Stored in a building with a roof, floor and walls? Or	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	Placed in a container such as a package or a vehicle constructed, filled, and closed to minimize releases to the environment of CRT glass?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Is each container containing CRTs labeled or marked clearly with one of the following phrases "Used cathode ray tube(s) – containing leaded glass" or "Leaded glass from televisions or computers" and is each container also labeled "Do not mix with other glass materials"? [3745-51-39(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Are CRTs transported in a container: [3745-51-39(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	i.	Constructed, filled, and closed to minimize releases to the environment of CRT glass? And	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	Labeled or marked clearly with one of the following phrases "Used cathode ray tube(s) – containing leaded glass" or "Leaded glass from televisions or computers" and is each container also labeled "Do not mix with other glass materials"?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	If CRTs are accumulated speculatively or used in a manner constituting land disposal, does the owner or operator (o/o) of the recycling facility comply with the applicable requirements in 3745-266-20 to 3745-266-23 ? [3745-51-39(A)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	If the facility is an exporter of CRTs, does the o/o notify U.S. EPA of an intended exports before the CRTs are scheduled to leave the United States, based on the requirements in 40 CFR 261.39(a)(5)(i) to (a)(5)(ix)? [3745-51-39(A)(5)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
2.	Are used, broken CRTs undergoing "CRT processing":		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	Storage [3745-51-39(B)(1)] The processor is speculatively accumulating the CRTs undergoing processing or have been processed? If any of the following questions are answered "No". If the processor is speculatively accumulating CRTs or processed CRT glass that is a hazardous waste they are storing a hazardous waste	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

Facility Name/Inspection Date]
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		in violation of ORC § 3734.02 (E) and (F).		
2	a	i	Can the processor demonstrate that the CRTs have a feasible means of being recycled; and,	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		ii	During the calendar year, commencing January first is the amount of material that is recycled, or transferred to a different site for recycling, equals at least seventy-five per cent by weight or volume of the amount of that material accumulated at the beginning of the calendar year.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Processing		
		i.	Based on all activities specified in 3745-50-10 (A)(25)(b) and (c) and the activities are performed in a building with a roof, floor, and walls? [3745-51-39 (B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		ii.	Do processing activities use temperatures that are low enough to prevent the volatilize lead from CRTs? [3745-51-39 (B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: CRT processing activities defined in 3745-50-10(A)(25)(b) and (c) include "intentionally breaking intact CRTs or further breaking or separating broken CRTs" and "sorting or otherwise managing glass removed from CRT monitors."</i>				
3.	Is glass from used, broken CRTs destined for recycling at a CRT glass manufacturer or a lead smelter after processing is it being accumulated speculatively? [3745-51-39 (C)]			Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
4.	If glass from used CRTs is used in a manner constituting disposal, does the o/o comply with 3745-266-20 to 3745-266-23 ? [3745-51-39 (D)]			Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EXPORTS OF USED, INTACT CRTs				
<i>NOTE: Used, intact CRTs exported for recycling are not wastes if they meet the notice and consent conditions of 40 CFR 261.39(a)(5) and if they are not accumulated speculatively. [3745-51-40]</i>				
<i>NOTE: Violations regarding exporting used, intact CETs foreign destinations should be referred to U.S. EPA Region 5 because the federal counterpart provisions are not delegable to states.</i>				

OTHER INFORMATION

Describe how the CRTs and processed glass is being recycled.

Provide the Name and address of company(ies) they are sending it to and describe what they are doing with it.:

Collect copies bills of lading, receipts and any other inventory information they have at the facility.

Note: Companies who are generating hazardous processed glass that are sending that glass to be

used to make products that are used in a manner constituting disposal are generators of hazardous waste and must manage that glass in accordance with OAC rule [3745-52-16\(B\)](#) and [3745-52-17\(A\)](#).

DEFINITIONS:

"CRT" or "cathode ray tube" means a vacuum tube, composed primarily of glass, which is the visual or video display component of an electronic device. A used, intact CRT means a CRT whose vacuum has not been released. A used, broken CRT means glass removed from its housing or casing whose vacuum has been released. Used CRTs are "spent materials" as defined in rule [3745-51-01](#) of the Administrative Code.

"CRT collector" means a person who receives used, intact CRTs for recycling, repair, resale, or donation

"CRT processing" means conducting all of the following activities:

- (a) Receiving broken or intact CRTs; and
- (b) Intentionally breaking intact CRTs or further breaking or separating broken CRTs; and
- (c) Sorting or otherwise managing glass removed from CRT monitors.

A material is "accumulated speculatively" if it is accumulated before being recycled. A material is not accumulated speculatively if the person accumulating the material can show that the material is potentially recyclable and has a feasible means of being recycled; and that during the calendar year, commencing January first, the amount of material that is recycled, or transferred to a different site for recycling, equals at least seventy-five per cent by weight or volume of the amount of that material accumulated at the beginning of the calendar year. In calculating the percentage of turnover, the seventy-five per cent requirement is to be applied to materials of the same type (e.g., slags from a single smelting process) that is recycled in the same way (i.e., from which the same material is recovered or that is used in the same way). Materials accumulated in units that would be exempt from regulation under paragraph (C) of rule [3745-51-04](#) of the Administrative Code shall not be included in the calculation. (Materials that are already defined as "wastes" also shall not be included in making the calculation.) Materials are no longer in this category once they are removed from accumulation for recycling.

NOTES: