**Section 721.135 Wood Preserving Wastes**

a) Wastes from wood preserving processes at plants that do not resume or initiate use of chlorophenolic preservatives will not meet the listing definition of F032 once the generator has met all of the requirements of subsections (b) and (c). These wastes may, however, continue to meet another hazardous waste listing description or may exhibit one or more of the hazardous waste characteristics.

b) Generators must either clean or replace all process equipment that may have come into contact with chlorophenolic formulations or constituents thereof, including, but not limited to, treatment cylinders, sumps, tanks, piping systems, drip pads, fork lifts and trams, in a manner that minimizes or eliminates the escape of hazardous waste or constituents, leachate, contaminated drippage or hazardous waste decomposition products to the groundwater, surface water, or atmosphere.

1) Generators must do one of the following:

A) Prepare and follow an equipment cleaning plan and clean equipment in accordance with subsection (b)(2); or

B) Prepare and follow an equipment replacement plan and replace equipment in accordance with subsection (b)(3); or

C) Document cleaning and replacement in accordance with subsections (b)(2) and (b)(3), carried out after termination of use of chlorophenolic preservatives.

2) Cleaning requirements.

A) The generator must prepare and sign a written equipment cleaning plan that describes the following:

i) The equipment to be cleaned;

ii) How the equipment will be cleaned;

iii) The solvent to be used in cleaning;

iv) How solvent rinses will be tested; and

v) How cleaning residues will be disposed of.

B) Equipment must be cleaned as follows:

i) Remove all visible residues from process equipment; and

ii) Rinse process equipment with an appropriate solvent until dioxins and dibenzofurans are not detected in the final solvent rinse.

C) Analytical requirements.

i) Rinses must be tested by using an appropriate method.

ii) "Not detected" means at or below the following lower method calibration limit (MCL): the 2,3,7,8-TCDD-based MCL is 0.01 parts per trillion (ppt), using a sample weight of 1000 g, an IS spiking level of 1 ppt, and a final extraction volume of 10 to 50 µℓ. For other congeners, multiply the values by 1 for TCDF, PeCDD, or PeCDF; by 2.5 for HxCDD, HxCDF, HpCDD, or HpCDF; or by 5 for OCDD or OCDF.

D) The generator must manage all residues from the cleaning process as F032 waste.

3) Replacement requirements.

A) The generator must prepare and sign a written equipment replacement plan that describes the following:

i) The equipment to be replaced;

ii) How the equipment will be replaced; and

iii) How the equipment will be disposed of.

B) The generator must manage the discarded equipment as F032 waste.

4) Documentation requirements. The generator must document that previous equipment cleaning and replacement was performed in accordance with subsections (b)(2) and (b)(3) and that the equipment cleaning and replacement occurred after cessation of use of chlorophenolic preservatives.

c) The generator must maintain the following records documenting the cleaning and replacement as part of the facility's operating record:

1) The name and address of the facility;

2) Formulations previously used and the date on which their use ceased in each process at the plant;

3) Formulations currently used in each process at the plant;

4) The equipment cleaning or replacement plan;

5) The name and address of any persons who conducted the cleaning and replacement;

6) The dates on which cleaning and replacement were accomplished;

7) The dates of sampling and testing;

8) A description of the sample handling and preparation techniques used for extraction, containerization, preservation and chain-of-custody of the samples;

9) A description of the tests performed, the date the tests were performed and the results of the tests;

10) The name and model numbers of the instruments used in performing the tests;

11) QA/QC documentation; and

12) The following statement signed by the generator or the generator's authorized representative:

I certify under penalty of law that all process equipment required to be cleaned or replaced under 35 Ill. Adm. Code 721.135 was cleaned or replaced as represented in the equipment cleaning and replacement plan and accompanying documentation. I am aware that there are significant penalties for providing false information, including the possibility of fine or imprisonment.

(Source: Amended at 40 Ill. Reg. 11367, effective August 9, 2016)