

7045.0145 DELETION OF CERTAIN HAZARDOUS WASTE CODES FOLLOWING EQUIPMENT CLEANING AND REPLACEMENT AT WOOD PRESERVING PLANTS.

Subpart 1. **Scope.** 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 subparts 2 and 3. These wastes may, however, continue to meet another hazardous waste listing description or may exhibit one or more of the characteristics of hazardous waste.

Subp. 2. **Process equipment cleaning and replacement.** 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. Cleaning and replacement of process equipment must be performed in a manner which minimizes or eliminates the escape of hazardous waste or waste constituents, leachate, contaminated drippage, or hazardous waste decomposition products to the groundwater, surface water, or atmosphere. Generators must either:

A. prepare and follow an equipment cleaning plan and clean equipment in accordance with this item by:

(1) preparing and following a written equipment cleaning plan that describes the equipment to be cleaned, how the equipment will be cleaned, the solvent chosen to be used in the cleaning, how solvent rinses will be tested, and how cleaning residues will be disposed;

(2) removing all visible residues from process equipment and rinsing process equipment with an appropriate solvent until dioxins and dibenzofurans in the final solvent rinse are found to be at or below the lower method calibration limit (MCL) found in SW-846, Method 8290, Table 1; and

(3) managing all residues from the cleaning process as F032 waste;

B. prepare, sign, and follow a written equipment replacement plan that describes the equipment to be replaced, how the equipment will be replaced, and how the equipment will be disposed of as F032 waste; or

C. document that previous equipment cleaning and/or replacement was performed in accordance with this part and occurred after cessation of use of chlorophenolic formulations.

Subp. 3. **Record keeping.** The generator must maintain the following records documenting the cleaning and replacement as part of the facility's operating record:

A. the name and address of the facility;

- B. formulations previously used and the date on which their use ceased in each process at the plant;
- C. formulations currently used in each process at the plant;
- D. the equipment cleaning or replacement plan;
- E. the name and address of any persons who conducted the cleaning and replacement;
- F. the dates on which cleaning and replacement were accomplished;
- G. the dates of sampling and testing;
- H. a description of the sample handling and preparation techniques, including techniques used for extraction, containerization, preservation, and chain-of-custody for the samples;
- I. a description of the tests performed, the dates the tests were performed, and the results of the tests;
- J. the name and model numbers of the instruments used in performing the tests;
- K. quality assurance/quality control (QA/QC) documentation; and
- L. 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 Minnesota Rules, part 7045.0145, 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."

Statutory Authority: *MS s 116.07*

History: *17 SR 285; 20 SR 715*

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