Rule 1133.1

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Air Quality Inspector II
Rule 1133.1 – Chipping and Grinding Activities
Adopted January 10, 2003          Amended July 8, 2011

Purpose:

To prevent inadvertent decomposition occurring during chipping and grinding activities, including stockpile operations

Applicability:

Operators of chipping and grinding activities to produce materials other than active or finished compost unless otherwise exempted
Exemptions

• Chipping and grinding of greenwaste derived onsite and used on-site
• Portable chipping and grinding
• Agricultural chipping and grinding
• Landclearing chipping and grinding
• Woodwaste chipping and grinding
• Palm chipping and grinding
• Chipped and ground curbside greenwaste with moisture content is less than 30%
• Biomass fuel chipping and grinding
• Landfill without chipping and grinding on-site
Requirements

• Shall not take foodwaste unless allowed by the Local Enforcement Agency

• Chip or grind, use on-site, or remove curbside, non-curbside, or mixed greenwaste within 48 hours of receipt
Requirements (continued)

Maintain the following records on-site for two years:

• Facility’s AQMD registration and annual updates
• Date, type, and amount of greenwaste received
• Date, type, amount of greenwaste removed from the site, and location where they are transferred to
• Dates of rainy days and wet weather conditions and description of specific conditions that limited normal operations
• Moisture content measurements
• Dates and amount of curbside greenwaste chipped and ground
Rule 1133.2

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Rule 1133.2 – Emission Reductions from Co-composting Operations

Adopted January 10, 2003

• Purpose
  – To reduce volatile organic compounds (VOCs) and ammonia emissions from co-composting operations

• Applicability
  – All new and existing co-composting operations

• Co-composting
  – Composting where biosolids and/or manure are mixed with bulking agents to produce compost. Co-composting includes both the active and curing phases of the composting process
Exemptions

- Agricultural, greenwaste, and woodwaste composting
- Operations with a design capacity of less than 1,000 tons of throughput per year
- Existing (as of 1/10/03) co-composting operations with a design capacity of less than 35,000 tons of throughput per year containing no more than 20 percent biosolids, by volume
- Except for the source test requirements, new and existing municipal facilities using aeration and processing less than 5,000 tons of biosolids or manure per year, combined
Requirements

New co-composting operations

• Use an aeration system that operates under negative pressure

• Use emissions control equipment

• Conduct all active co-composting within an enclosure which:
  — Is under negative pressure,
  — Has limited openings,
  — Is accessed on a limited basis, and
  — Controls the release of VOCs and ammonia
Requirements (continued)

• New co-composting operations submit a compliance plan that demonstrates an overall emission reduction of 80 percent

• Existing co-composting operations submit a compliance plan that demonstrates an overall emission reduction of 70 percent

• Source test conducted every two years