

Municipal Solid Waste Air Permitting

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Air Permitting Topics

- **Applicable MSW Air Registrations and Permits**
 - **Standard Permit (SP)**
 - **Permit by Rule (PBR)**
 - **General Operating Permit (GOP)**

MSW Standard Permit

- Located in 30 TAC 330, Subchapter U
- 3 Categories (Parallels NSPS WWW tiers):
 - Cat 1 $< 2.5 \text{ MMg}$ or 2.5 M^3 (PBR + other)
 - Cat 2 $> 2.5 \text{ MMg}$ & 2.5 M^3 & $< 50 \text{ Mg NMOC}$
 - Cat 2 Reqs Testing & Reporting to keep under 50 Mg/yr NMOC => 50 Reqs GSSC
 - Cat 3 $> 2.5 \text{ MMg}$ & 2.5 M^3 & $> 50 \text{ Mg NMOC}$
 - Cat 3 Reqs LF GCCS

MSW Standard Permit

- Forms and Submittal
 - No PI-1S is required (like most SP)
 - No Fee is required
 - Submit Certification
 - Submit Checklists (not required but helpful)
 - Process Description

Facilities Typically Found at MSW sites.

- 106.181 Used-Oil Combustion Units
- 106.183 Boilers, Heaters, and Other Combustion Devices
- Various sources and recycling equipment that meet the requirements of a 106.261 Facility (which have Emissions and Distance Limitations)
- 106.433 Surface Coating Facilities
- 106.436 Auto Body Refinishing Facilities
- 106.451 Wet Blast Cleaning
- 106.452 Dry Abrasive Cleaning
- 106.454 Degreasing Units
- 106.472 & 473 Organic and Inorganic Liquid Loading and Unloading
- 106.478 Storage Tanks and Change of Service
- 106.492 Flares
- 106.496 Air Curtain Incinerators
- 106.512 Stationary Engines and Turbines

Permit by Rule

- Permit by Rule 30 TAC 106.534
 - Specific to MSW & Transfer Stations
 - Must obtain a MSW Permit from the Waste Permits Division
 - Design capacity
 - 2.5 million megagrams by mass
 - 2.5 million cubic meters by volume
 - NMOC less than 50 Mg per year
 - Visible emissions
 - must not leave property for a period exceeding 30 seconds and any 6 minute period – EPA Test Method 22 (found in 40 CFR Part 60 Appendix A.

Permit by Rule

- Forms and submittal
 - Form PI-7 or PI-7CERT
 - Checklist
 - Process Description
 - Emission Calculations

MSW Federal Permitting

GOP 517

- What triggers a Federal Permit for MSW Sites
 - NSPS WWW
 - Combined emissions from all facilities are equal to or greater than any of the following (TPY):

VOC	SO2	PM2.5/PM10	NOx	CO	PB	HAPs Single	HAPs Combined
100	100	10/15	100	100	100	10	25

MSW GOP

- Forms and Submittal
 - GOP Application and Standard Permit Certification Form.
 - Checklist(s)
 - Process Description

Questions About MSW Air Permitting?

Call Us!

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