

Who Regulates Air Quality?

- U.S. EPA
- DEQ, Air Quality Division
- Local Government

Types of Air Permits

- Permit to Install
- Renewable Operating Permit

Permit to Install

- A.K.A New Source Review Permit
- Applicable to any business regardless of size
- Pre-Construction Permit

When is a Permit to Install Required?

- Air permit is required if process or activity emits and air contaminant.
- Unless, process or activity is specifically exempted in rules.
- Permit Not Required if: No air emissions or Grandfathered

Common Air Emission Sources

- Boilers
- Standby Generators
- Degreasers
- Bulb crushers
- Paint Operations

Boilers – Permits

- Exemption = R 336.1282(b)
- Permit to Install Required if:
- Nat gas > 50 million Btu/hr
- Fuel Oil >20 million Btu/hr
- General Permit for 100 million Btu/Hr Boilers

Standby Generators - Permits

- Exemption = R 336.1285(g)
- Permit Required if:
- Generator > 10 Million Btu/hr
- Emissions are “Significant”
- General Permit to Install for Generators

Degreasers/Cold Cleaners

- Exemption = R 336.281(h)
- Exempt if air/vapor interface not more than than 10 ft2

Painting Operations

- Exemption = R 336.1287(c)
- Air Permit Required if use > 200 gal coating/month
- Must keep records

Limited Emissions Exemption

- Exemption = R 336.1290
- Exempts sources of limited emissions
- Monthly emissions below threshold
- Must keep monthly records

What if I need a permit?

- The Air Permit Application www.deq.state.mi.us/aps/#PTI
- Free
- The Air Permit Application requires:
 - Basic Source Information; Stack info; Process and site information; emission estimates; etc.
- The Air Permit includes requirements source is subject to
- It is a contract between state of MI and business

Renewable Operating Permit (ROP)

- A.K.A Title V Permit
- Title V of Clean Air Act
- Required if Facility is a “Major Source”
- Combines requirements from issued PTIs

Major Source

- Potential to Emit =
 - 100 tons/yr Criteria Air Pollutant
 - 10 tons/yr single Hazardous Air Pollutant
 - >25 tons/yr total Hazardous Air Pollutants
- Maximum amount of air contaminants that your source could emit if: Operate at 100% of design capacity; Operated 24hrs/day, 365 days/yr; Worse-case materials used or processed 100% of the time; No air pollution control equipment

ROP Requirements

- Apply within 12 months of becoming a major source
- Renew Every 5 years
- Annual Air Quality Fee
- Annual Air Emissions Reporting
- Annual and Semi-Annual Compliance Reporting
- Deviation Reporting

What if I Don't Have a Permit?

- Initiate application process ASAP!
- Contact district office