

Module 3

- New Source Performance Standards
- Operation Permits
- Air Emission Inventory

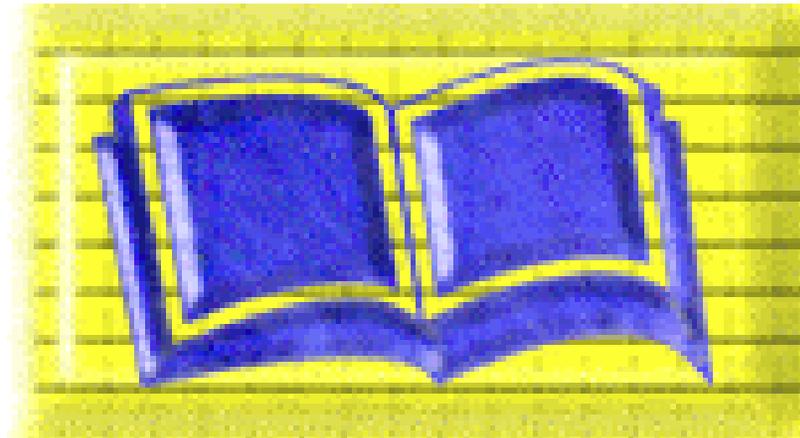
What Air Regulations Affect You While You Process Stone?

- New Source Performance Standards
- Operation Permits
- Air Emission Inventory



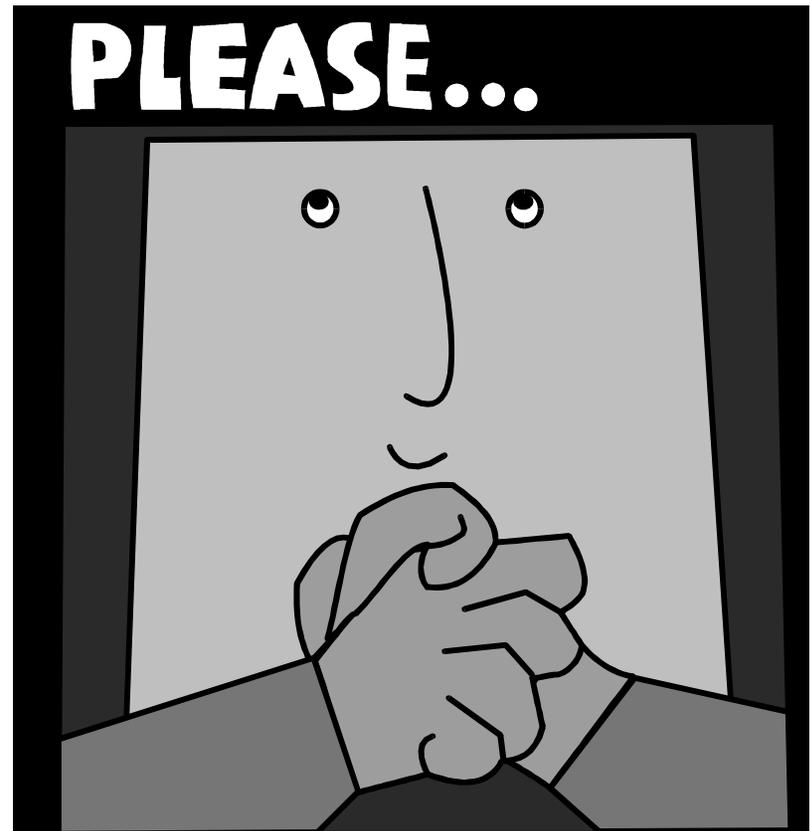
New Source Performance Standards

- **Applies to most equipment placed in operation after August 31, 1983**
- **Testing and operational requirements**
- **USEPA is very serious about companies meeting these requirements**

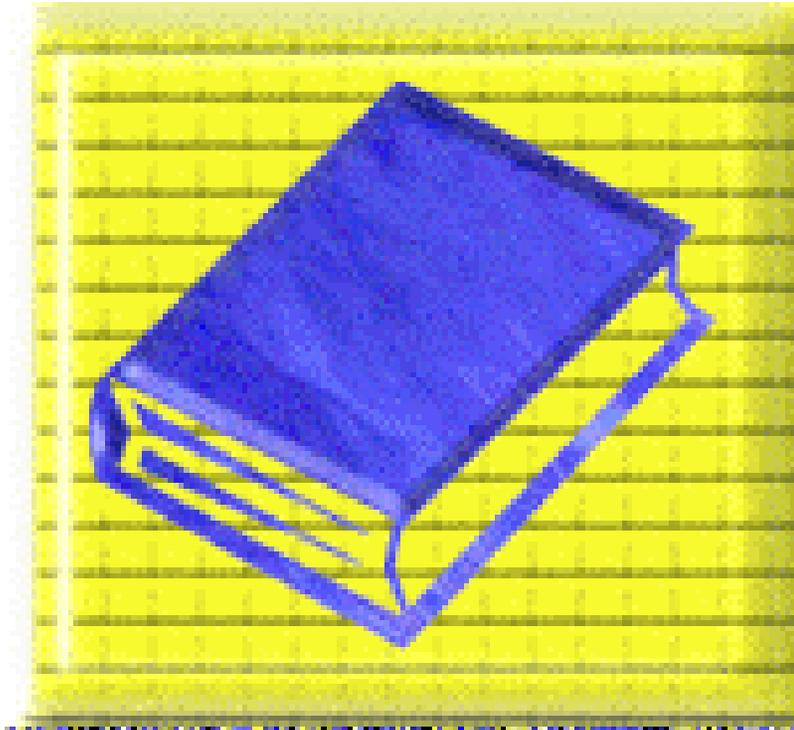


Trainer

- Hand out NSPS Information



Operation Permits



- General Operation Permits (GOP) are applicable to all existing crushing spreads except those located in or within 2 km of certain areas in the Cities of Beloit, Milwaukee or Waukesha

Source Specific Operation Permits

- Needed for those spreads locating in or within 2 km of certain areas in Beloit, Milwaukee, Waukesha



Your Spread Needs One Or The Other

- Any spread having a primary crusher is required to have either a GOP or site specific permit



What's the Difference?

- A site specific operation permit is tailored to the particular spread and location
- A GOP applies general requirements to crushing spreads across Wisconsin



How Do I Comply With The GOP?

- It depends on how much stone you produce per year. There are different record keeping requirements depending on the level of production. The levels of production are:
 - 50,000 tons per year or less
 - Greater than 50,000 tons and at or below 250,000 tons
 - Greater than 250,000 tons

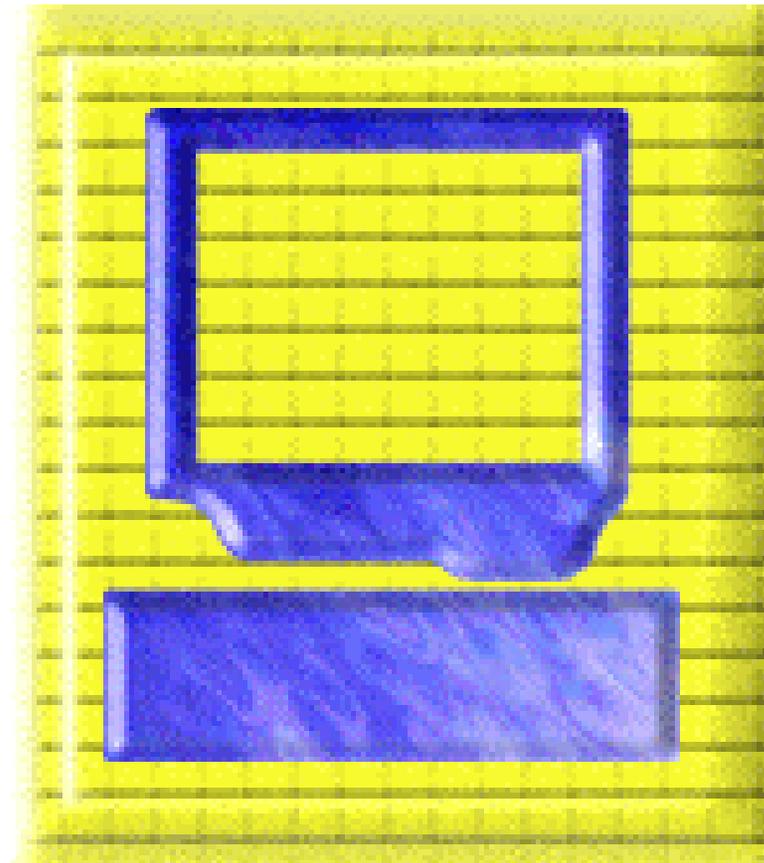
Possible Requirements

1 + 1 = 3

- **Visible emissions readings**
- **Record of throughput**
- **Fugitive Dust Control Plan**
- **Certification report required at all levels of production by March 1**
- **Fuel usage, if produce more than 300,000 tons rock**

Air Emissions Inventory

- **Credit based on dust control and record keeping**
- **Three tiers**
 - **50%**
 - **75%**
 - **> 90%**
- **Company charged per calculated ton of particulate matter each year**



Record Keeping Because ...

- Calculated emissions based on production data
- Annual report of production data to DNR



50% Control Credit

- Climatic Conditions in Wisconsin



75% Control Credit

- Climatic Conditions in Wisconsin
- On-site Fugitive Dust Observer
- Active Dust Control Measures



Greater Than 90% Control Credit

- **Climatic Conditions in Wisconsin**
- **On-site Fugitive Dust Observer**
- **Visible Emissions Reader**
- **Active Dust Control Measures**
- **Little or no visible emissions**



Take a Break

- Discuss
 - **GOPs and specific site permits**
 - **Air Emission Inventory**

