

Minor New Source Review



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Minor New Source Review

- Section 4 of Regulation 1125, Requirements of Preconstruction Review, **New Source Review**
- **MNSR** applies to new construction
- Section 4, “The rule of five and five”



Affected Sources

- Five Pollutants
 - Volatile Organic Compounds (VOC)
 - Nitrogen Oxides (NO_x)
 - Sulfur Oxides (SO_x)
 - Particulate Matter (PM_{2.5})
 - Hazardous Air Pollutants (HAP)
- Five Tons per year



Synthetic Minor for < 5 Tons per year

- **PTE > Major Source Threshold**

 - 30 Day Public Notice

 - Federal Enforceable Limits

- **PTE > 5 Tons per year**

 - 15 Day Public Notice

 - State Enforceable Limits

- **If Synthetic Minor grows > 5 tons per year**

 - must add controls to meet **Minor New Source Review**



Meeting Requirements for MNSR

- 4.3.1.1 Control that meets LAER, Lowest Achievable Emission Rate, requirements of Section 2 of Regulation 1125
- 4.3.1.2 Control that meets BACT, Best Available Control Technology, requirements of Section 3 of Regulation 1125



Meeting Requirements for MNSR

- 4.3.1.3 Control technology approved in advance by the Department
- 4.3.1.4 Analysis based on technological feasibility and environmental, economic, and energy impacts

http://www.epa.gov/ttn/catc/rblc/html/welcome_eg.html



Examples of Approved in Advance

- Emission control technologies approved by the Department will be posted on the AQM internet site as technologies are approved by the Department



Additional Considerations

- Application Process
- Recordkeeping
- Help available from DNREC
 - Engineering & Compliance 302-739-9402, or
302-323-4542
 - Small Business Ombudsman 302-739-9909



Summary

- Five Pollutants, Five tons per year
- Synthetic Minor
- Four ways to meet MNSR requirements
- Approved in advance options
- Application Form, state how to meet MNSR
- Work with Engineering & Compliance or with Business Ombudsman

