

Environmental Updates

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Air Division

- ▶ General Construction Permits
 - ▶ Common Compliance Issues
 - ▶ Process Improvement
 - ▶ Volkswagen Trust
 - ▶ Title 129
- 

Permits Applications

Category	2013–Present
Ethanol and Biodiesel	20%
Grain Elevator, Seed Supplier, Fertilizer Supplier	15%
Other (Rendering Plant, Food Production, Steel Mills, Etc.)	12%
Concrete Batch Plant	9%
Grain Bioproducts (Lactic acid, Corn Syrup, Enzymes, Etc.)	9%
Stationary Emergency Engine	9%
Metal Product Manufacturing, Abrasive Blasting, Painting	8%
Crusher, Sand and Gravel	7%
Incinerator	6%
Oil Well, Natural Gas Compressor Station	5%
Hot Mix Asphalt Plant	4%
Power Plant	3%

AQ General Construction Permits

- ▶ Revised Title 129 to allow for General Construction Permits
- ▶ Permit Developed for Type of Facility or Equipment
 - e.g., Concrete Plant, Asphalt Plant
- ▶ Permit Public Noticed and Issued
- ▶ Coverage Issued to Eligible Applicant

General Permits

- ▶ **Concrete Batch Plants**
 - Two similar GPs would fit 78% of recent concrete batch plant applications
- ▶ **Asphalt Batch Plants**
 - Two GPs would fit 100% of recent asphalt batch plant applications
- ▶ **Rock Crushers**
 - One GP would fit 100% of recent crusher applications
- ▶ **Emergency Engines**
 - Two Diesel GPs would fit 76% of recent emergency engine applications

Air General Construction Permits


This information is provided by the Nebraska Department of Environmental Quality to assist the public and regulated community.

Form #: AIR087

Applications and Forms

Revised: 4/21/16

Size	File Name
502 KB	EMERGENCY ENGINE NSPS IIII.pdf
709 KB	AGGREGATE PROCESSING PLANT.pdf
212 KB	AIR InstructionsForRegistration.pdf
147 KB	Asphalt Plant – Batch Mix Hot Mix.pdf
153 KB	Asphalt Plant – Drum Mix Hot Mix.pdf
149 KB	Concrete Plant – Truck Mix (controlled loadout).pdf
148 KB	Concrete Plant – Truck Mix (uncontrolled loadout).pdf



****Air General Construction Permit is now an online process****

The following general permits are available through the online application process. You should read and understand the conditions of the permit before starting the application process.

Click on the permit above to view the general permit.

Asphalt Plant - Drum Mix Hot Mix
Asphalt Plant - Batch Mix Hot Mix
Concrete Plant - Truck Mix (uncontrolled loadout)
Concrete Plant - Truck Mix (controlled loadout)
Aggregate Processing Plant
Emergency Engine(s) - NSPS IIII certified

Coming Soon

Emergency Engine(s) - other

The Air General Construction Permit application process is now an online process. The link below takes you to online application page. You may register for an account to use the online grant process. Or once you have an account, you can login to the application.


[Account Registration Instructions in the above PDF](#)

Prior to completing your account registration, please note or record your userID, security questions and answers.

<https://ecmp.nebraska.gov/DEQ-AIR/>

This link will open in New tab or window.

Possible Future Targets

- ▶ Grain Elevators
 - ▶ Grain Dryers
 - ▶ Surface Coating
 - ▶ Incinerators
 - ▶ Open Burning
 - ▶ General Operating Permits
 - ▶ Other Industry Suggestions?
- 

Most Common Air Violations

- ▶ Recordkeeping
- ▶ Reporting
- ▶ Emission Limitation or Standards



Recordkeeping and Reporting

- ▶ The most common violations
- ▶ Requirements specified in a permit or referenced in a federal rule
- ▶ How to Comply
 - Follow procedures and frequencies outlined in your permit
 - If you're not sure what's being required, ask for clarification
 - Preferably during draft permit or public comment period



Emissions Violations

- ▶ Most serious violation
 - Stack testing
 - Exceeding a limitation or standard that would have an impact on a source classification
 - Failure to conduct a test
 - Continuous emission monitoring (CEM)
 - Exceeding a limitation or standard that would have an impact on a source classification
 - Failing a QA/QC requirement
 - Failure to conduct the QA/QC

Complaint

- ▶ Fugitive Dust



Process Improvement

- ▶ Kaizen – construction permitting
- ▶ Pilot Project
 - Pre-application meeting
- ▶ Morning Huddles
- ▶ Ethanol Calculation Spreadsheets
- ▶ Industry/Consultant Survey
 - Updating application forms
 - Dispersion Modeling Guidance
 - State and Local Emission Inventory System (SLEIS)



State and Local Emissions Inventory System (SLEIS)

- ▶ Point source data submitted directly online to the Department
- ▶ Program will be phased in initially
- ▶ Emission point structure, controls, and stack parameters carried forward each year
- ▶ Simply update information as needed
- ▶ Quality control checks notify user of missing data elements



Facility User Roles

- ▶ Administrator – manages access to SLEIS users within the facility
- ▶ Submitter – the only user able to submit data to the Department
- ▶ Editor – Can view and edit facility and emissions data
- ▶ Viewer – Can only view facility emissions information

Volkswagen Environmental Trust

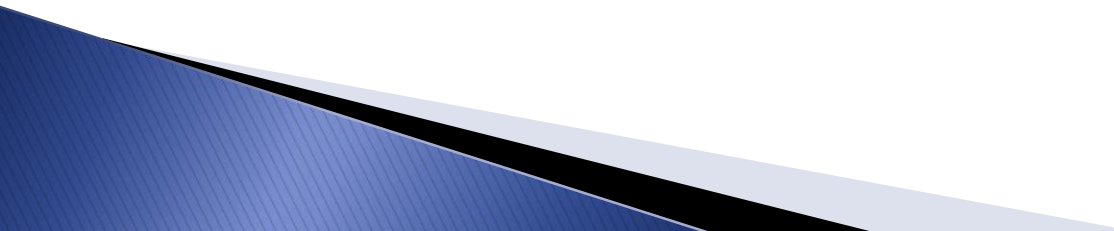
- Established by court settlements with Volkswagen, Audi, and Porsche (VW)
- Trust will provide \$2.95 billion to states & tribes for actions to offset excess nitrogen oxide (NOx) emissions from VW diesel vehicles
- Nebraska allocated \$12.25 million (based on the number of offending vehicles in state)



Volkswagen Environmental Trust

- Delegated Agency will be developing a State Mitigation Plan
- Eligible actions include diesel vehicle or engine replacements and installation of zero-emission vehicle charging stations (up to 15% of total)
- State can use up to 1 / 3 of the allocation each year for 3 years; must commit 80% within 10 yrs
- Trust lifetime is 15 years

Title 129 – Proposed

- ▶ Chapter 1: Update definitions and correct a typographical error
 - ▶ Chapter 4: Update ozone standards and reference to regulatory appendix
 - ▶ Chapter 18: Add new source performance standards and emission guidelines for municipal solid waste landfills
 - ▶ Chapter 20: Correct table references
 - ▶ Chapter 28: Add emission standards for wool fiberglass production facilities
 - ▶ Chapter 34: Correct a typographical error
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Thanks!!

