

- GRAIN ELEVATORS AND FEED MILLS -

Air Pollutant Emission Notice (APEN) – and – Application for Construction Permit

- New Facility Transfer of Ownership¹ Change in Throughputs APEN Update
 Change in Equipment Request a Modification to Existing Permit

All sections of this APEN and application must be completed for both new and existing facilities, including APEN updates. An application with missing information may be determined incomplete and may be returned to you or result in longer engineer processing times. You will be charged an additional APEN fee if APEN is filled out incorrectly or missing information and requires re-submittal.

¹ For transfer of ownership or company name change, you must submit proof of ownership transfer (e.g., Transfer of Ownership Form signed by the previous owner or a copy of a Bill of Sale with this form).

Permit Number _____

AIRS Number _____

Company Name: _____

City: _____

Plant Location: _____

County: _____

Billing Address: _____

Zip Code: _____

Person to Contact: _____

Phone Number: _____

E-mail Address: _____

Fax Number: _____

Please provide a description of activities:

Please be sure submit each of the following with this application:

- A simple process flow diagram of all grain handling activities within this APEN. The process flow diagram should clearly indicate where all dust collectors, oil suppression systems, baghouses, and cyclones are located in relation to the handling equipment. Please be sure to indicate the structural dimensions of the grain elevator.
- A warehouse diagram.
- A simple plan view of the facility. This should include property boundaries, rail lines, roads, etc. Please be sure to indicate the presence of any fence lines and provide a distance scale and legend on the plan view. Do not use the warehouse diagram as the plan view of the facility.
- The data year level for the last five years for each type of grain. The data year level is the number of tons of grain processed in a data year (e.g., for example 150,000 tons of grain received in 2001).

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1.0 GENERAL INFORMATION

Normal Operation of this Source:

_____ Hours per day _____ Days per week _____ Weeks per year

Seasonal Throughput (% of Annual):

Dec - Feb _____ Mar - May _____ June - Aug _____ Sept - Nov _____

Type or purpose of operation, ie. animal feed mill, grain storage and handling, grain processing, wet corn milling, etc.?

For animal feed mills, does more than 50% of the animal feed get sold to local farms, ranches, or feedlots? Yes / No

Is the operation seasonal in nature? Yes / No

Does the facility receive less than 50% of its grain from the immediate vicinity (i.e. neighboring counties)? Yes / No

At this facility, how is grain received and in what percentage?

_____ Straight truck _____ Hopper truck _____ Rail

At this facility, is any grain bagged before shipping? Yes / No Quantity: _____

At this facility, how is grain shipped and in what percentage? _____ Truck _____ Rail

At this facility, is grain sent through the bucket elevators once or more than once? Yes / No

If more than once for any elevator leg, please adjust the "grain handling" numbers on page 2 accordingly.

At this facility, is any grain stored outside, even temporarily, in storage piles? Yes / No

If so, how much grain is stored _____ Tons and for how long? _____ Months

NOTE: Please be aware that for facilities with outside storage, the Division may ask for a Fugitive Particulate Emissions Control Plan.

2.0 PROCESS EQUIPMENT INFORMATION

Please indicate the number of each type of equipment at the facility.

_____ Pits	_____ Cleaners, Scalpers, Screens, and Gravity Tables
_____ Inside Legs	_____ Mills and Grinders
_____ Outside Legs	_____ Dryers
_____ Truck Loadout Stations	_____ Flakers
_____ Rail Loadout Stations	_____ Coolers

Please provide the manufacturer, model, and serial numbers for all cleaners, scalpers, screens, gravity tables, mills, grinders, dryers, flakers, and coolers listed immediately above in the table below. Please indicate "not available" if a make, model number, or serial number is not available. The Division is generally not concerned with feed mixers and pelletizers, as these are usually wet (or moist) processes. For dryers, please indicate whether they are located inside or outside and the dimensions of each dryer. Please use an additional page if necessary.

<u>Equipment Type</u>	<u>Manufacturer (Make)</u>	<u>Model</u>	<u>Serial No.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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3.0 POLLUTION CONTROL EQUIPMENT INFORMATION

Please list all control equipment at the site. This includes baghouses, cyclones, dust collectors, and oil spray systems.

<u>Type and Location</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Serial No.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

4.0 PROCESS INFORMATION

Year For Which Actual Data Applies: _____

	Design Rate (tons of grain / hour)	Requested Level (tons of grain / year)	Actual Level (tons of grain / year)
Receiving	_____	_____	_____
Shipping	_____	_____	_____
Storage	_____	_____	_____
Handling	_____	_____	_____
Cleaning	_____	_____	_____
Milling	_____	_____	_____
Drying	_____	_____	_____
Flaking	_____	_____	_____
Cooling	_____	_____	_____

Please Note: The design rate should be the maximum hourly rate for each category. For a facility with three elevator legs, the design rate for handling should be the sum of the maximum hourly rates of the three elevator legs. For questions, please contact the Division at (303) 692-3150

5.0 ESTIMATED POLLUTION EMISSIONS

Pollutant	Type of Control Equip.		Overall Collection Efficiency	Year For Which Actual Data Applies:			
				Estimated Emissions (tons/yr) at throughputs requested above		Actual Emissions	Estimation Method
				Controlled	Uncontrolled		
Particulate							
PM-10							
SOx							
NOx							
VOC							
CO							

