

Source Category Description:

Grain elevators, intermediate storage only, located in Special Control areas.

1. Qualifications: For each qualification statement listed below, answer “yes” or “no” in the far right column.

a. Do the operations meet the description provided above?	
b. Are there any other activities identified in OAR 340-216-0020, Table 1?	
c. Are there any other activities not described above that cause air pollutant emissions?	
d. Is the facility currently in compliance with DEQ regulations?	
e. Have there been any violations in the last 5 years?	
f. If there have been violations, have they been resolved?	
g. Does the facility have the proper land use approvals? (For new sources, a Land Use Compatibility Statement (LUCS) must be attached to the application.)	

2. Plant Information:

- a. Date the facility began or will begin operation? _____
- b. Describe in *detail* the process, beginning with when material is received, through the production process, concluding with how the materials are shipped off site.

- c. List the projected maximum annual tons of grain processed: _____ tons/yr
- d. Identify projected maximum annual tons of final product shipped by method of shipment:
 - 1) Truck (Bulk) _____ tons/yr
 - 2) Railcar (Bulk) _____ tons/yr
 - 3) Other (specify) _____ tons/yr

3. Permit Requirements:

All conditions of the General ACDP apply to the source, unless they are listed below. These permit conditions may or may not apply to the plant, depending on the actual processes, controls, and compliance determination methods. For each permit condition listed below, indicate whether the condition applies to your plant by answering the question.

Permit condition	Applicability question:	Answer (yes/no)
2.1.a	Is the facility located outside of Clackamas, Columbia, Multnomah or Washington Counties?	
2.1.b	Is the facility located in Clackamas, Columbia, Multnomah or Washington Counties?	
3.2 & 3.3	Is the facility located in the Medford-Ashland AQMA or Lakeview UGA?	
4.2	Is the facility located in the Medford-Ashland AQMA?	
7.3	Is this a new facility?.	

4. Maximum Projected Pollutant Emissions: Calculate the maximum projected annual emissions using the following equation:

$$\text{Emission Factor (see below)} \times \text{Projected Annual Production (tons/yr)} / 2000 = \text{Pollutant Emissions (tons/yr)}$$

Activity	Emission Source	Maximum Projected Annual Production (tons/year)	Emission Factors (lb/tons)		Annual Emissions (tons/yr)	
			PM	PM ₁₀	PM	PM ₁₀
Receiving	Straight Truck		0.18	0.059		
	Hopper Truck		0.035	0.0078		
	Railcar		0.032	0.0078		
Cleaning	No Control		0.5	0.125		
	Cyclone		0.075	0.0187		
Material Handling	No Control		0.061	0.034		
Bulk Shipping	Truck		0.086	0.029		
	Railcar		0.027	0.0022		
Screenings Unloading	No Control		0.5	0.125		

For activities with add-on pollution control such as a baghouse, the emission factors for the controlled activity are equal to 10% of the factors listed above.