



**EMISSIONS INVENTORY INFORMATION**  
**For Inventory Year - 2011**  
**FEED AND GRAIN MILLS**

**Company Name** \_\_\_\_\_ **Contact Initials** \_\_\_\_\_

Please fill in all spaces, and retain a copy for your records.

A. List of type of grains stored and handled.

\_\_\_\_\_  
\_\_\_\_\_

B.

1. Enter process data below. Enter "0" if line item is not applicable.
2. Estimate the control factor; see *Controls* below.
3. Multiply Col. A times Col. B times Col. C to get the emissions and enter in Col. D.

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Process	Amount (tons/year)	PM E.F. (lb/ton)	Control factor	Emissions (lb/yr)
feed/grain received		0.6		
feed/grain shipped*		1.0		
Amount cleaned		3.0		
Amount ground/milled		0.2		
Amount rolled		0.1		
Amount pelletized (cooler)		0.4		
<b>TOTAL PM</b>				
<b>TOTAL PM-10 = 0.29 x PM</b>				

**Controls**

Control devices include baghouses, cyclones, spray systems, or other dust suppression devices.  
 List all air pollution control devices. Indicate where each device is used below.  
 Estimate the control efficiency for each device.  
 Calculate the control factor and enter it into Col. C. Enter "1" for no controls.

$$\text{Control factor} = \frac{100 - \% \text{ efficiency}}{100}$$

*Example:* A baghouse has 95% control efficiency.

$$\text{Control factor} = \frac{100 - 95}{100} = 0.05$$

**List devices, where used, and percent efficiency.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\* Amount shipped equals the total amount shipped minus the amount pelletized. If 40% of the feed/grain is pelletized then the amount shipped would be 100% - 40% = 60%. The amount shipped would then be equal to the total amount shipped x 0.60.