SLO COUNTY apcd | Air Pollution Control District
San Luis Obispo County

FORM 12: FEED AND GRAIN MILLS

Facility ID _____ **Facility Name** _____ **Contact** _____

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 Column A times Column B times Column C to get the emissions and enter in Column D.

Process	A	B	C	D
	Amount (tons/year)	PM E.F. (lb/ton)	Control Factor	Emissions (lb/yr)
Feed/grain received		0.18		
Feed/grain shipped*		0.086		
Amount cleaned		0.075		
Amount ground/milled		0.067		
Amount rolled		0.1		
Amount pelletized (cooler)		0.36		
TOTAL PM				
TOTAL PM$_{10}$ = 0.29 x PM				

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.

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

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.