



**Kansas Department of Health and Environment
Division of Environment
Bureau of Air and Radiation**

**SOYBEAN , SUNFLOWER & VEGETABLE OIL
MANUFACTURING PLANTS**

- 1) Source ID Number : _____

- 2) Company/Source Name: _____

- 3) Product: Soybean oil ____ ; Sunflower oil ____ ; Other Vegetable Oil -describe _____
Capacity for oil production: ____ tons of oil / day ; ____ tons of oil / year
Estimated oil production: ____ tons/yr
Capacity of feed or meal mill: ____ tons of feed or meal/day; ____ tons of feed or meal/ year
Estimated feed or meal production: ____ tons of feed or meal/yr

- 4) Operation schedule: ____ hrs/yr

- 5) Operations and Processes:
Soybean/Sunflower seed/Raw material received by Truck ____ tons per year
Soybean/Sunflower seed/Raw material received by Rail ____ tons per year; Elevator/legs ____ ;
Handling & Cleaning ____ ; Drying ____ ; Cracking & Dehulling ____ ; Flaking ____ ;
Conditioning ____ ; Desolventiser-Toaster-Dryer-Cooler ____ ; Feed or Meal Grinder ____ ;
Pellet Cooler ____ ; Feed or Meal Storage Leg ____ ; Feed or Meal Shipping - Truck ____ ;
Feed or Meal Shipping - Rail ____

- 6) Type of Grain processed: _____
Amount of grain processed: _____ bu or tons/yr
Density: ____ lbs/bu

If more than one grain processed complete the following:
Type of Grain processed: _____
Amount of grain processed: _____ bu or tons/yr
Density: ____ lbs/bu
Type of Grain processed: _____
Amount of grain processed: _____ bu or tons/yr
Density: ____ lbs/bu

- 7) Type of solvent used in crude oil extraction: _____

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(cont.)**

- 8) Average solvent content of crude oil: _____ ppm
- 9) Average solvent content of the meal or feed cake leaving the solvent recovery unit: _____ ppm
- 10) Solvent Recovery : Capacity of the solvent recovery - toaster - dryer - cooler unit _____ tons of feed or meal/hr
Maximum solvent loss: _____ gals of solvent per ton of feed or meal produced
- 11) Extractor feed cake or meal produced from the solvent recovery unit _____ tons/yr
- 12) For any boiler applications; use INDIRECT HEATING UNIT (Boiler) form 6-1.0 and duplicate as needed.
- 13) For any furnace applications; use DIRECT HEATING UNIT (Furnace) form 6-2.0 and duplicate as needed.
- 14) For and engine equipment; use STATIONARY INTERNAL COMBUSTION ENGINE form 8-1.0 and duplicate as needed.
- 15) For emission control equipment, use the appropriate CONTROL EQUIPMENT form and duplicate as needed.
Be sure to indicate the emission unit that the control equipment is affecting.
- 16) Did construction, modification, or reconstruction commence after August 3, 1978? Yes _____; No _____
If yes, this plant may be subject to NSPS, 40 CFR Part 60, Subpart DD.