

Process flow diagram instructions

To produce a complete flow diagram for your air emission permit application, start by showing all emission units except insignificant activities. Show the flow pathway of materials into each emission unit. Examples include fuel oil piping into a boiler or a conveyor feeding a rock crusher. Show the pathway of air emissions from each emission unit to each stack or vent. If more than one emission unit are connected to a single control or to a single stack, indicate this on the diagram. Show all air pollution control equipment, all fugitive emission sources, all storage tanks (except those classified as insignificant activities), as well as monitors and data acquisition systems.

Label everything using the same numbers (EQUI #, TREA #, STRU #, etc.) used in your e-Services application or on the application forms labeled “Stack/Vent (S/V) information”, “Control equipment information”, “Emission unit information”, “Tank information”, “Fugitive emission source information” and “Continuous monitoring system information.”

The following figure is an example of what a process flow diagram might look like. Yours will be different.

