Prevention of Significant Deterioration (PSD) Construction Permits

Start

Begin New Source Review determination for a NSR major modification.

Check list of 28 source types to determine if the facility is a major source at 100 TPY or 250 TPY.

Is the facility's current PTE at or greater than the 100TPY/250TPY major threshold?

Yes

Is the facility willing to take a Synthetic Minor emission limits to avoid classification as a major stationary source under PSD?

Yes

This project is a major modification and will require a PSD permit. Requires a 30 day public notice.

End

No

Is the project a major modification for PSD? Apply for a Synthetic Minor permit for the project or for facility-wide with a limit <100 or 250TPY. Requires a 30 day public notice.

No

This project is not a major modification for PSD. Apply for a minor source construction permit.

End

Note: Start here for a greenfield site.

A (continued on reverse)
A

Is the facility willing to take a facility-wide Synthetic Minor limit to avoid being major stationary source under PSD?

Yes

Apply for a Synthetic Minor permit for the entire facility (<100 or 250 TPY), not just for the project. Requires a 30 day public notice.

No

Calculate emission increases from the project.

Is any pollutant at or greater than the significant levels found in SC Reg. 62.5, Std 7(b)(49)?

Yes

Calculate the net emissions increases.

No

Apply for a minor source construction permit.

End

Is the net emissions increase for any pollutant at or greater than the significant levels listed in SC Reg. 62.5, Std 7(b)(49)?

Yes

The project is a major modification and will require a PSD permit unless the facility chooses to take Synthetic Minor limits below significant levels. Requires a 30 day public notice.

(Note: If this is a greenfield site it is a major project, not a major modification)

End

No

This project is not a major modification for PSD. Submit a minor source construction permit application.

End