Major Source “Story”

DEQ is changing the definition of a major source from one that has a potential to emit at the significant emission rate to one that has the potential to emit at 100 tons per year except as used in OAR 340 division 210, Stationary Source Notification Requirements, OAR 340 division 218, rules applicable to sources required to have Oregon Title V Operating Permits, OAR 340 division 220, Oregon Title V Operating Permit Fees, and 340-216-0066 Standard ACDPs.

This change is being proposed to provide more flexibility in how sources with the PTE in the range of the SER to 100 tons/year are permitted and also reduce emissions from “priority” sources, those that are the major contributors to the nonattainment area problem. Currently, major sources (PTE at the SERs) are subject to nonattainment and maintenance NSR and must meet the following requirements:

**Current Requirements**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source Classif. | **Sources subject to NSR PSD** | **Attainment** |  | **Non-attain.** |  | **Maintenance** |
| Major  (SER to Federal Major) | BACT or LAER |  |  | LAER |  | BACT |
| Offsets |  |  | yes |  | yes \* |
| NAQB |  |  | yes |  | yes \* |
| AQ Anal.: Class II/III NAAQS and Increments |  |  |  |  | yes |
| AQ Anal.: Class I NAAQS and Increments |  |  |  |  | yes |
| AQ Anal.: Eval. alternative sites, processes, etc. |  |  | yes if >100 tpy |  |  |
| Source Classif. | **Sources not subject to NSR PSD** |  |  |  |  |  |
| Major  (SER to Federal Major) | Offsets |  |  | yes |  | yes \* |
| NAQB |  |  | yes |  | yes \* |
| AQ Anal.: Class II/III NAAQS and Increments | yes |  |  |  | yes |
| AQ Anal.: Class I NAAQS and Increments | yes |  |  |  | yes |

Proposed requirements for sources with PTE less than 100 tons/year are as follows:

**Proposed Requirements**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source Classif. | **Sources subject to NSR PSD** | **Attainment** | **Potential NA** | **Non-attain.** | **Transitional** | **Maintenance** |
| ???? did we redefine minor to <100 tpy? YES | BACT or LAER |  |  | LAER |  | BACT |
| Offsets |  |  | yes, 1.2-1.0:1 |  | yes \* |
| NAQB |  |  | yes, =offsets |  | yes, = offsets \* |
| AQ Anal.: Class II/III NAAQS and Increments |  |  |  |  | yes |
| AQ Anal.: Class I NAAQS and Increments |  |  |  |  | yes |
| AQ Anal.: Eval. alternative sites, processes, etc. |  |  | yes if >100 tpy |  |  |
| Source Classif. | **Sources not subject to NSR PSD** |  |  |  |  |  |
| ???? did we redefine minor to <100 tpy? | Offsets |  | yes, ≤1.0:1 | yes, ≤1.0:1 | yes \* | yes \* |
| NAQB |  |  | =offsets | =offsets \* | =offsets \* |
| AQ Anal.: Class II/III NAAQS and Increments | yes | yes |  | yes | yes |
| AQ Anal.: Class I NAAQS and Increments | ??? | ??? |  | ??? | ??? |