|  |  |  |
| --- | --- | --- |
| New concept | AND/OR | |
| **Designated Area** | **Attainment or Unclassified Area** | | **Sustainment Area** | | **Nonattainment Area** | **Reattainment Area** | **Maintenance Area** |
| **Regulatory Goal** | **Maintain AQ** | | **Prevent nonattainment** | | **Improve AQ** | **Maintain/improve AQ** | **Maintain/improve AQ** |
| **Major New Source Review** | FM for any pollutant, major mod for any pollutant | | FM for any pollutant, major mod for any pollutant | | Designated pollutant > 100 tpy & major mod for designated pollutant | Designated pollutant > 100 tpy & major mod for designated pollutant | Designated pollutant > 100 tpy & major mod for designated pollutant |
| AQ Mon[[1]](#footnote-1) | | AQ Mon[[2]](#footnote-2) | |  |  | AQ Mon1 |
| BACT | | BACT | | LAER | LAER | BACT |
| AQRV | | AQRV | | AQRV | AQRV | AQRV |
| NAAQS, Class II & I Inc | | NAAQS, Class II & I Inc | |  |  | NAAQS, Class II & I Inc |
|  | | AND | |  |  | AND |
|  | | NAQB:  Offsets (<1.0:1) \*\* | | NAQB:  Offsets[[3]](#footnote-3) (<1.2:1) \*\* | NAQB:  Offsets3 (<1.2:1) \*\* | NAQB:  Offsets4 (<1.0:1) \*\* |
| Additional Impacts | | Additional Impacts | |  | Additional Impacts | Additional Impacts |
|  | |  | | Alternatives Analysis | Alternatives Analysis |  |
|  | |  | | Certify Compliance for all sources | Certify Compliance for all sources |  |
| **State NSR for Federal Major Source (PSEL increase > SER , no major mod) \*\*** | FM for any pollutant | | Designated pollutant > 100 tpy | | Designated pollutant > 100 tpy | Designated pollutant > 100 tpy | Designated pollutant > 100 tpy |
| AQRV | | AQRV | | AQRV | AQRV | AQRV |
| NAAQS, Class II & I Inc | | NAAQS, Class II & I Inc | |  | NAAQS, Class II & I Inc | NAAQS, Class II & I Inc |
|  | | OR | |  | OR | OR |
|  | | NAQB:  Offsets3 (<1.0:1) \*\* | | NAQB:  Offsets3 (<1.2:1) \*\* | NAQB:  Offsets[[4]](#footnote-4) (<1.0:1) \*\* | NAQB:  Offsets4 (<1.0:1) \*\* |
| **State NSR for Minor Sources** | Any pollutant PSEL increase > SER | | Designated pollutant PSEL increase > SER | | Designated pollutant PSEL increase > SER | Designated pollutant PSEL increase > SER | Designated pollutant PSEL increase > SER |
|  | |  | | BACT5 | BACT5 | BACT5 |
| NAAQS, Class II & I Inc | | NAAQS, Class II & I Inc | |  | NAAQS, Class II & I Inc | NAAQS, Class II & I Inc |
|  | | OR | |  | OR | OR |
|  | | BACT[[5]](#footnote-5) + NAQB:  Offsets3 (<1.0:1) \*\* | | NAQB:  Offsets3 (<1.0:1) \*\* | NAQB:  Offsets4 (<1.0:1) \*\* | NAQB:  Offsets4 (<1.0:1) \*\* |
| **Any source impacting designated area** | Any pollutant PSEL increase > SER | | Designated pollutant PSEL increase > SER | | Designated pollutant PSEL increase > SER | Designated pollutant PSEL increase > SER | Designated pollutant PSEL increase > SER |
| NAAQS, Class II Inc | | Offsets[[6]](#footnote-6) \*\* | | Offsets6 \*\* | Offsets6 \*\* | Offsets6 \*\* |

**\* Ozone subject to sustainment and reattainment requirements but no proposed changes for offsets and NAQB for ozone areas.**

**\*\* Offset ratio can be reduce by obtaining a portion of the required offsets from priority sources if priority sources are identified when area is designated.**

1. **Exempt if modeled impacts < Significant Modeling Concentration; 4 months seasonal data allowed for PM10/PM2.5; or post-construction monitoring allowed** [↑](#footnote-ref-1)
2. No exemption for preconstruction monitoring, If source specific background concentration > NAAQS, cannot build [↑](#footnote-ref-2)
3. Obtain sufficient offsets to model <SIL at all receptors in designated area; or

   Obtain offsets at specified ratio\*\*, and model < SIL at monitor receptor(s); and < 10% of NAAQS at all other receptors in designated area, including the impacts from other sources as described below:

   subtract priority source offsets from the source’s emissions increase

   model all emission increases or decreases from sources that increased or decreased emissions since the area was designated, excluding offsets

   model offsets from non-priority sources separately

   subtract non-priority source offset impacts from source impacts [↑](#footnote-ref-3)
4. Obtain offsetsas in footnote 3; or

   model below maintenance area ceilings; or

   obtain allocation from growth allowance if specified in a maintenance plan [↑](#footnote-ref-4)
5. If there is a major modification [↑](#footnote-ref-5)
6. Offsets sufficient to reduce impacts to less than SIL at all receptors within the designated area; or

   <1.0:1 offsets provided the offsets had a significant impact on designated area [↑](#footnote-ref-6)