|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Federal Major Sources located in designated area** | **Attainment** | **Potential Nonattainment** | **Nonattainment** | **Transitional** | **Maintenance** |
| Maintain AQ | Prevent nonattainment | Improve AQ | Maintain/improve AQ | Maintain/improve AQ |
| Major NSR | Minor NSR | Major NSR | Minor NSR | Major NSR | Minor NSR | Major NSR | Minor NSR | Major NSR | Minor NSR |
| FM for any pollutant, major mod for any pollutant |  | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy |
| AQ Mon[[1]](#footnote-1) |  | AQ Mon[[2]](#footnote-2) |  |  |  |  |  |  |  |
| BACT |  | BACT |  | LAER |  | LAER |  | BACT |  |
| NAAQS | NAAQS | NAAQS | NAAQS |  |  |  | NAAQS | NAAQS | NAAQS |
| PSD Inc II | PSD Inc II | PSD Inc II | PSD Inc II |  |  |  | PSD Inc II | PSD Inc II | PSD Inc II |
| PSD Inc I | PSD Inc I | PSD Inc I | PSD Inc I |  |  |  | PSD Inc I | PSD Inc I | PSD Inc I |
| AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV |
|  |  |  | or |  |  |  |  |  |  |
| NAQB: Offsets[[3]](#footnote-3) |  | NAQB: Offsets (<1.0:1) | NAQB: Offsets[[4]](#footnote-4)(<1.0:1)  | NAQB: Offsets4 (<1.2:1) | NAQB: Offsets4(<1.2:1) | NAQB: Offsets (<1.2:1) | NAQB: Offsets (<1.0:1) | NAQB: Offsets[[5]](#footnote-5) | NAQB: Offsets5 |
| Add’l Impacts |  |  |  |  |  | Add’l Impacts |  | Add’l Impacts |  |
|  |  |  |  | Alternatives Analysis |  | Alternatives Analysis |  |  |  |
|  |  |  |  | Certify Compliance for all sources |  | Certify Compliance for all sources |  |  |  |
| **SER to Federal Major -1 Sources located in designated area** | NA |  | NA |  | NA | BACT[[6]](#footnote-6) | NA | BACT6 | NA | BACT6 |
| NAAQS |  |  | NAAQS | NAAQS |
| PSD Inc II |  |  | PSD Inc II | PSD Inc II |
|  |  |  | PSD Inc I | PSD Inc I |
|  | NAQB: Offsets4 (<1.0:1)  | NAQB: Offsets4 (<1.0:1)  | NAQB: Offsets[[7]](#footnote-7) (<1.0:1) | NAQB: $ or Offsets5 (<1.0:1) |
| Source > SER impacting designated area | NA | NA |  |  | Offsets@ |  | Offsets@ | $ | Offsets@ | $ |

$ If < PSD increments II inside NAA, then no offsets. If > PSD increments II inside NAA, get offsets and must be < PSD increments II outside NAA

@offsets so impacts are less than SIL or 1:1offsets provided offsets had a significant impact on designated area

|  |
| --- |
| More stringent than current rules |
| New concept for NAQB |
| Less stringent than current rules |
| Alternative 1 | Alternative 2 |

1. exempt if < SMC; 4 months seasonal data; or post-construction monitoring allowed [↑](#footnote-ref-1)
2. Cannot build if background concentration > NAAQS [↑](#footnote-ref-2)
3. Impacting NAA or maintenance areas [↑](#footnote-ref-3)
4. <PSD II increment for all sources after potential NAA or NAA designation:

subtract priority source emissions from the source’s emissions increase

model all emissions from new or modified source and all sources built or increased since potential NAA or NAA designation

model offsets from non-priority sources separately

subtract non-priority source offset impacts from source impacts [↑](#footnote-ref-4)
5. model below maintenance area ceilings or get growth allowance [↑](#footnote-ref-5)
6. If there is a physical major modification [↑](#footnote-ref-6)
7. If < PSD increments II inside NAA, then no offsets. If > PSD increments II inside NAA, get offsets and must be < PSD increments II outside NAA [↑](#footnote-ref-7)