Permit Applicability Determination for Hazardous Air Pollutants (1 of 4)

Start

Calculate:
1) PTE for each (PTE_{each}) Hazardous Air Pollutant (HAP) and
2) PTE for all combined (PTE_{combined}) HAPs

Does an exemption apply?

No

1

Yes

Typical Exemptions under 10 CSR 10-6.061:
1) PTE_{each} < 0.5 pound per hour or Screen Modeling Action Level (SMAL)
2) Emission unit is exempt
3) Activity is exempt

No permit required.

End
1

Is \( PTE_{\text{each}} < 10 \) tons per year?

\[ \text{Yes} \]

\[ \text{No} \]

Is \( PTE_{\text{combined}} < 25 \) tons per year?

\[ \text{Yes} \]

Section (5) permit required

\[ \text{No} \]

Does the applicant wish to take a voluntary de minimis limit on each HAP and combined HAPs that exceed de minimis levels?

\[ \text{Yes} \]

Section (5) permit required

\[ \text{No} \]

2

3
Does a MACT apply to the emission unit emitting the HAP?

Yes

Section (6) permit required

End

No

Section (9) permit required
3

Is \( PTE_{each} < \text{HAP Screen Modeling Action Level?} \)

No

Screen modeling required to determine impact of emissions

Yes

No modeling required

End

Applicant must resolve air quality issues before a permit can be issued (i.e. make modifications such that modeled emissions are less than the RAL)

End

Is modeled impact < Risk Assessment Level (RAL)?

Yes

End

No