

Source Test Calculation & Data Entry Guidance

When a source has a department approved stack test for any pollutant(s), a calculation method code 4 must be used. If the source test is a MATS, a calculation method code 10 **must** be used and an emission factor **must** be reported.

Source Test Calculation Guidance:

- If a source test was conducted in the reporting year, only use that factor in the calculation. (Ex: A source test was performed in 07/2020. Use only the factor derived from the source test for emissions in 2020).
- If more than one source tests were conducted in the reporting year, use a simple average of the factors. (Ex: A source test was performed in 02/2020 and in 09/2020. Use a simple average of the factors).
- If no source tests were conducted in the reporting year, use the factor from the last source test completed. (Ex: The last source test performed was in 09/2017. Use only the factor in this source test).

SLEIS Entry Guidance:

- The source test emission factors match the process rate standard units. (Ex: SLEIS process rate units are lb/MMBtu and source test units are lb/MMBtu).
 1. Enter the factor in the “Emission Factor (Lbs/Unit)” field.
 2. Select the matching standard units for the process from the “Emission Factor Unit” drop down box.
 3. SLEIS will calculate the total tonnage.
- The source test emission factors **do not** match the process rate standard units. (Ex: SLEIS process rate units are lb/ton, but source test units are lb/MMBtu).
 1. Enter the source test emission factor in the “Emission Factor (Lbs/Unit)” field.
 2. Select “Other - Non Standard Units” from the “Emission Factor Unit” drop down box.
 3. Enter your calculated total tonnage in the “Estimated Emissions (Tons)” field.
 4. Enter an explanation in the “Comment” field.
- A single emission factor cannot be derived. (Ex: SLEIS process rate units are lb/MMBtu, but multiple source test units are lb/hr, lb/ton, lb/ADTP, etc...).
 1. Enter a 1 in the “Emission Factor (Lbs/Unit)” field as the default factor.
 2. Select “Other - Non Standard Units” from the “Emission Factor Unit” drop down box.
 3. Enter your calculated total tonnage in the “Estimated Emissions (Tons)” field.
 4. Enter an explanation in the “Comment” field.