

MAERS Reporting Guidance for Oil and Gas Production Facilities

This document identifies what calculation methods are acceptable for reporting emissions from your natural gas fired engines during MAERS reporting years 2006 and 2007. Contact your MDEQ, Air Quality Division district office if you have questions about your reporting requirements.

2006 Emissions Inventory

For the 2006 Emission Inventory (i.e. MAERS reports due March 15, 2007) sources have the following options for reporting emissions from their natural gas fired engines:

- Use engine specific emission factors from your Permit to Install (PTI) or based on manufacturer's data or stack test data to calculate emissions from engines. If this calculation method is used, you will need to do the following on the MAERS E-101 form:
 - In the Emissions Basis field choose "Other" or "stack test"
 - In the comments field enter the calculation method (i.e. PTI No. ____ or manufacturer's engine specific emission factors)
 - Submit calculations based on stack test data or engine specific data.

- Use new MAERS emission factors associated with the new engine specific SCCs, which have been provided on page 1 of the *"Emission Calculation Fact Sheet for Oil and Gas Production Facilities"* dated September 2006. These factors also will appear in the emission factor table at the bottom of the E-101 form.

- Use the emission factors from existing permits or old *"Emission Calculation Fact Sheet for Oil and Gas Production Facilities"* (dated November 2004 or earlier). If this calculation method is used you will need to do the following on the MAERS E-101 form:
 - In the Emissions Basis field choose "Other."
 - In the Comments field enter "Emissions calculated using emission factors in [Permit to Install No. ____ or MAERS Emission Calculation Fact Sheet for Oil and Gas Production Facilities dated ____]".

2007 Emissions Inventory

For the 2007 Emission Inventory (i.e. MAERS reports due March 15, 2008) sources have the following options for reporting emissions from their natural gas fired engines:

- Use engine specific emission factors from your PTI or based on manufacturer's data or stack test data to calculate emissions from engines. If this calculation method is used you will need to do the following on the MAERS E-101 form:
 - In the Emissions Basis field choose "Other" or "stack test"
 - In the comments field enter the calculation method (i.e. PTI No. ____ or manufacturer's engine specific emission factors)
 - Submit calculations based on stack test data or engine specific data.

- Use new MAERS emission factors associated with the new engine specific SCCs, which have been provided on page 1 of the *"Emission Calculation Fact Sheet for Oil and Gas Production Facilities"* dated September 2006. These factors also will appear in the emission factor table at the bottom of the E-101 form.

Note that sources will no longer be able to use "old" emission factors or SCCs for calculating emissions from natural gas fired engines in this report.