

INSTRUCTIONS

FORM 5: EMISSIONS OF HAZARDOUS AIR POLLUTANTS

Emissions estimates should be based on the maximum potential to emit. "**Potential to emit**" means the maximum capacity to emit air contaminants under physical and operational design limitations.

Emission rates or factors used in calculating annual potential emissions may be based on mass balance calculations, source test results, vendor guaranteed emission rates or concentrations, EPA approved emission factors from the EPA publication Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Source (AP-42), or other basis as approved by ORCAA. All data, assumptions, and calculations used in calculating potential emissions must be documented and included with the NOC application as an attachment. The following detailed instructions apply:

1. Please attach Material Safety Data Sheets (MSDS) for all materials used which directly or indirectly cause emissions of hazardous air pollutants such as resins, paints, solvents, cleaners, and fuels.
2. For emission rates based on source test information, please provide a one page summary of the source test results which includes the name of the testing firm, the test date, and reference to the methods used.
3. For emission estimates based on vendor guarantees, please provide a signed and dated copy of the guarantee from the vendor.
4. For calculated emissions rates, please provide details of all assumptions, operational data, calculations, and other pertinent information used in calculating the annual emissions.