

Methods of Calculation

Permit Factors	Emission factors utilized in the issuance of a relevant Oklahoma Air Quality permit(s) for the facility
EPA RM Stack Test	EPA Reference Method Stack test data using appropriate, with advance notification and opportunity for observation by the Air Quality Division
Similar Unit EPA RM Test	EPA Reference Method stack test data may be used for determining the emissions of identical equipment (i.e., same model, same location, and same operating conditions and parameters) when: (A) Tests are performed by persons qualified by training and experience to perform said tests. (B) Copies of the tests results and methods are available for review by the Air Quality Division.
CEMs	Continuous Emissions Monitoring data
Current AP-42 factors	AP-42, Compilation of Air Pollutant Emission Factors
Manufacturer's Test Data*	Emission factors developed during testing performed by manufacturers at their own testing facilities. *Only acceptable with prior written permission of the DEQ
EPA documents	EPA and EPA-contracted industry-specific emission study data, EIIP Technical Documents, Locating and Estimating Documents
Fuel Usage Data	Factors based on accurately metered fuel consumption
Mass Balance	The quantification of emissions by measuring the difference between material going into and out of a process (initial versus final). Mass balance is usually calculated on an annual basis.
TANKS	TANKS Version 4.x is a Windows-based program that estimates volatile organic compound (VOC) and hazardous air pollutant (HAP) emissions from fixed- and floating-roof storage tanks.
GRI-GLYCalc	GRI-GLYCalc™ Version 4.x is a Windows-based program for estimating air emissions from glycol units using triethylene glycol (TEG), diethylene glycol (DEG) or ethylene glycol (EG).
FIRE data factors	The Factor Information REtrieval (FIRE) Data System is a database containing EPA's recommended emission estimation factors for criteria and hazardous air pollutants.
Vasquez-Beggs	Correlation equations used to calculate flashing losses/VOC emissions from hydrocarbon storage tanks
DEQ Approved Method	Any other method pre-approved for use in the emission inventory by the Division