FIGURE 1 TO SUBPART G OF PART 63—DEFINITIONS OF TERMS USED IN WASTEWATER EQUATIONS

Main Terms

AMR=Actual mass removal of Table 8 and/or Table 9 compounds achieved by treatment process or a series of treatment processes, kg/hr.
C=Concentration of Table 8 and/or Table 9 compounds in wastewater, ppmw.
CG=Concentration of TOC (minus methane and ethane) or total organic hazardous air pollutants, in vented gas stream, dry basis, ppmv.
CG_c=Concentration of TOC or organic hazardous air pollutants corrected to 3-percent oxygen, in vented gas stream, dry basis, ppmv.
CGS=Concentration of sample compounds in vented gas stream, dry basis, ppmv.
E=Removal or destruction efficiency, percent.
F_{bio}=Site-specific fraction of Table 8 and/or Table 9 compounds biodegraded, unitless.
f^{bio}=Site-specific fraction of an individual Table 8 or Table 9 compound biodegraded, unitless.
Fm=Compound-specific fraction measured factor, unitless (listed in table 34).
Fr=Fraction removal value for Table 8 and/or Table 9 compounds, unitless (listed in Table 9).
Fr_{avg}=Flow-weighted average of the Fr values.
i=Identifier for a compound.
j=Identifier for a sample.
k=Identifier for a run.
K_2=Constant, 41.57 * 10^{-9}, $(ppm)^{-1}$ (gram-mole per standard m^3) (kg/g), where standard temperature (gram-mole per standard m^3) is 20 °C.
m=Number of samples.
M=Mass, kg.
MW=Molecular weight, kg/kg-mole.
n=Number of compounds.
p=Number of runs.
$\%O_{2d}$=Concentration of oxygen, dry basis, percent by volume.
Q=Volumetric flowrate of wastewater, m^3/hr.
QG=Volumetric flow rate of vented gas stream, dry standard, m^3/min.
QMG=Mass flowrate of TOC (minus methane and ethane) or organic hazardous air pollutants, in vented gas stream, kg/hr.
QMW=Mass flowrate of Table 8 and/or Table 9 compounds in wastewater, kg/hr.
ρ=Density, kg/m^3.
RMR=Required mass removal achieved by treatment process or a series of treatment processes, kg/hr.
t_T=Total time of all runs, hr.

Subscripts

a=Entering.
b=Exiting.
i=Identifier for a compound.
j=Identifier for a sample.
k=Identifier for a run.
m=Number of samples.
n=Number of compounds.
p=Number of runs.
T=Total; sum of individual.

[59 FR 19468, Apr. 22, 1994, as amended at 59 FR 29201, June 6, 1994; 61 FR 63629–63630, Dec. 12, 1995; 62 FR 2779, Jan. 17, 1997; 63 FR 67793, Dec. 9, 1998; 64 FR 20195, Apr. 26, 1999; 65 FR 78284, Dec. 14, 2000; 66 FR 6935, Jan. 22, 2001]

Subpart H—National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks

SOURCE: 59 FR 19568, Apr. 22, 1994, unless otherwise noted.

§ 63.160 Applicability and designation of source.

(a) The provisions of this subpart apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references this subpart.

(b) After the compliance date for a process unit, equipment to which this subpart applies that are also subject to the provisions of:

(1) 40 CFR part 60 will be required to comply only with the provisions of this subpart.

(2) 40 CFR part 61 will be required to comply only with the provisions of this subpart.

(c) If a process unit subject to the provisions of this subpart has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for