

REGULATION 1.03 Abbreviations and Acronyms

Air Pollution Control District of Jefferson County Jefferson County, Kentucky

Relates To: KRS Chapter 77 Air Pollution Control

Pursuant To: KRS Chapter 77 Air Pollution Control

Necessity And Function: KRS 77.180 authorizes the Air Pollution Control Board to adopt and enforce all orders, rules, and regulations necessary or proper to accomplish the purposes of KRS Chapter 77. This regulation contains certain abbreviations and acronyms used in District regulations.

SECTION 1 Abbreviations

The following abbreviations, used in these regulations have the following meanings:

acfm	-	actual cubic feet per minute	Hg	-	mercury
Act	-	Clean Air Act as defined in Regulation 1.02	HF	-	hydrogen fluoride
Btu	-	British Thermal Unit	H ₂ O	-	water
°C	-	degree Celsius (Centigrade)	H ₂ S	-	hydrogen sulfide
cal	-	calorie	H ₂ SO ₄	-	sulfuric acid
CFC	-	chlorofluorocarbon	hr	-	hour
cfm	-	cubic feet per minute	in	-	inch
cm	-	centimeter	J	-	joule
CO	-	carbon monoxide	k	-	1,000
CO ₂	-	carbon dioxide	kg	-	kilogram
dscf	-	dry standard cubic foot	l	-	liter
dscm	-	dry standard cubic meter	lb	-	pound
°F	-	degree Fahrenheit	m	-	meter
Fed. Reg.	-	Federal Register (Also FR, Fed Reg)	mg	-	milligram
ft	-	foot	min	-	minute
g	-	gram	MJ	-	Megajoules
gal	-	gallon	ml	-	milliliter
gr	-	grain	mm	-	millimeter
HC	-	hydrocarbon	MM	-	million
HCFC	-	hydrochlorofluorocarbon	n	-	nano (one billionth part of)
HCl	-	hydrochloric acid	ng	-	nanogram
HFC	-	hydrofluorocarbon	N ₂	-	nitrogen
			NO	-	nitric oxide
			NO ₂	-	nitrogen dioxide

NO _x	-	oxides of Nitrogen	psig	-	pounds per square inch gauge
O ₂	-	oxygen	rpm	-	revolutions per minute
O ₃	-	ozone	s	-	at standard conditions
Pa	-	Pascal	sec	-	second
ppb	-	parts per billion	SO ₂	-	sulfur dioxide
ppm	-	parts per million	sq	-	square
psia	-	pounds per square inch	SSU	-	Saybolt Universal seconds
			tpy	-	tons per year
			ug	-	microgram
			(w/w)	-	(weight by weight)

SECTION 2 Acronyms

The following acronyms used in these regulations have the following meanings:

AASHTO	-	American Association of State Highway and Transportation Officials
AERMOD	-	American Meteorological Society/Environmental Protection Agency Regulatory Model
APCO	-	Air Pollution Control Officer
ASTM	-	American Society for Testing & Materials
ATSDR	-	Agency for Toxic Substances and Disease Registry
BAC	-	Benchmark ambient concentration
BAC _C	-	Benchmark ambient concentration for a carcinogen
BAC _{NC}	-	Benchmark ambient concentration for noncarcinogenic effects
BAC _{NCA}	-	Benchmark ambient concentration for acute noncarcinogenic effects
BACT	-	Best available control technology
CARB	-	California Air Resource Board
CAS	-	Chemical Abstract Services
CEMS	-	Continuous emission monitoring system
CFR	-	Code of Federal Regulations
EA	-	Environmental acceptability
EAG _C	-	Environmental acceptability goal for carcinogenic risk
EAG _{NC}	-	Environmental acceptability goal for noncarcinogenic risk
EFFAC	-	Emissions Factors and Policy Applications Center
EIIP	-	Emissions Inventory Improvement Program
EPA	-	U.S. Environmental Protection Agency
ERC	-	Emission Reduction Credit
FEDOOP	-	Federally enforceable District operating permit
HAP	-	Hazardous air pollutant as listed in Regulation 5.14
HQ	-	Hazard quotient
IARC	-	International Agency for Research on Cancer
IRIS	-	Integrated Risk Information System
IRSL	-	Initial risk screening level
ISC3	-	Industrial Source Complex Model
ITSL	-	Initial threshold screening level
KAR	-	Kentucky Administrative Regulations
KRS	-	Kentucky Revised Statutes
LAER	-	Lowest achievable emission rate
LC ₅₀	-	Lethal concentration, 50% mortality
LD ₅₀	-	Lethal dose, 50% mortality
LOAEL	-	Lowest observed adverse effect level
MACT	-	Maximum achievable control technology
MSDS	-	Material Safety Data Sheet
NAAQS	-	National Ambient Air Quality Standards
NEET	-	New and Emerging Environmental Technologies Clean Air Technologies Database
NESHAPs	-	National Emission Standards for Hazardous Air Pollutants

NOISH	-	National Institute of Occupational Safety and Health
NOAEL	-	No observed adverse effect
NSPS	-	New Source Performance Standards
OAQPS	-	EPA Office of Air Quality Planning and Standards
OEL	-	Occupational exposure level
OSHA	-	Occupational Health and Safety Administration
P2	-	Pollution prevention
PM	-	Particulate Matter
PM ₁₀	-	Particulate Matter (10 microns or less in size)
PM _{2.5}	-	Particulate Matter (2.5 microns or less in size)
PSD	-	Prevention of Significant Deterioration
PSI	-	Pollutant Standards Index
PTE	-	Potential to emit
RACT	-	Reasonably Available Control Technology
RAIMI	-	Regional Air Impact Modeling Initiative
REL	-	Reference exposure level
RfC	-	Reference concentration
RfD	-	Reference dose
RSEI	-	Risk-Screening Environmental Indicators
SIC	-	Standard Industrial Classification
SIP	-	State Implementation Plan
SOCMI	-	Synthetic Organic Chemicals Manufacturing Industry
TAC	-	Toxic air contaminant
TAP	-	Toxic Air Pollutant
T-BAT	-	Best available technology for toxics
TLV	-	Threshold Limit Value
TOSHI	-	Target-organ-specific hazard index
TRI	-	Toxics Release Inventory
TSP	-	Total Suspended Particulates
UF	-	Uncertainty factor
URE	-	Unit risk estimate
USC	-	United States Code
VOC	-	Volatile Organic Compound

Adopted v1/7-14-76; effective 9-1-76; amended v2/6-13-79, v3/9-15-93, v4/9-25-96, v5/5-15-02, v6/1/16/2008

	Date Submitted	Date Approved	Federal Register
Original Reg:	06/29/79	01/25/80	45 FR 6092
1st Revision:	07/15/02	11/19/02	67 FR 69688
2nd Revision	12/20/10	08/31/17	82 FR 41335