

## 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 foot per minute	k	- 1,000
Act	- Clean Air Act as defined in Regulation 1.02	kg	- kilogram
Btu	- British Thermal Unit	l	- liter
°C	- degree Celsius (Centigrade)	lb	- pound
cal	- calorie	m	- meter
CFC	- chlorofluorocarbon	mg	- milligram
cfm	- cubic feet per minute	min	- minute
cm	- centimeter	MJ	- megajoules
CO	- carbon monoxide	ml	- milliliter
CO <sub>2</sub>	- carbon dioxide	mm	- millimeter
dscf	- dry standard cubic foot	MM	- million
dscm	- dry standard cubic meter	n	- nano (one billionth part of)
°F	- degree Fahrenheit	ng	- nanogram
Fed. Reg.	- <i>Federal Register</i> (Also FR, Fed Reg)	NO	- nitric oxide
ft	- foot	NO <sub>2</sub>	- nitrogen dioxide
g	- gram	NO <sub>x</sub>	- oxides of nitrogen
gal	- gallon	O <sub>2</sub>	- oxygen
gr	- grain	O <sub>3</sub>	- ozone
HC	- hydrocarbon	Pa	- Pascal
HCFC	- hydrochlorofluorocarbon	ppb	- parts per billion
HCl	- hydrochloric acid	ppm	- parts per million
HF	- hydrogen fluoride	psia	- pounds per square inch absolute
HFC	- hydrofluorocarbon	psig	- pounds per square inch gauge
Hg	- mercury	rpm	- revolutions per minute
H <sub>2</sub> O	- water	s	- at standard conditions
hr	- hour	sec	- second
H <sub>2</sub> S	- hydrogen sulfide	SO <sub>2</sub>	- sulfur dioxide
H <sub>2</sub> SO <sub>4</sub>	- sulfuric acid	sq	- square
in	- inch	SSU	- Saybolt Universal seconds
J	- joule	tpy	- tons per year
		µg	- 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 <sub>C</sub>	- Benchmark ambient concentration for a carcinogen
BAC <sub>NC</sub>	- Benchmark ambient concentration for noncarcinogenic effects
BAC <sub>NCA</sub>	- Benchmark ambient concentration for acute noncarcinogenic effects
BACT	- Best available control technology
CARB	- California Air Resources Board
CAS	- Chemical Abstract Services
CEMS	- Continuous emission monitoring system
CFR	- <i>Code of Federal Regulations</i>
EA	- Environmental acceptability
EAG <sub>C</sub>	- Environmental acceptability goal for carcinogenic risk
EAG <sub>NC</sub>	- Environmental acceptability goal for noncarcinogenic risk
EFFAC	- Emissions Factors and Policy Applications Center
EIIP	- Emission Inventory Improvement Program
EPA	- U.S. Environmental Protection Agency
ERC	- Emission reduction credit
FEDOOP	- Federally enforceable District origin 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 <sub>50</sub>	- Lethal concentration, 50% mortality
LD <sub>50</sub>	- Lethal dose, 50% mortality
LOAEL	- Lowest observed adverse affect 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

NIOSH	- National Institute of Occupational Safety and Health
NOAEL	- No observed adverse effect level
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 <sub>10</sub>	- Particulate matter (10 microns or less in size)
PM <sub>2.5</sub>	- 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

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