



TITLE 20 ENVIRONMENTAL PROTECTION
CHAPTER 11 ALBUQUERQUE / BERNALILLO COUNTY AIR QUALITY CONTROL BOARD
PART 1 GENERAL PROVISIONS

20.11.1.1 ISSUING AGENCY: Albuquerque/Bernalillo County Air Quality Control Board.
P.O. Box 1293, Albuquerque, NM 87103. Telephone: (505) 768-2600.
[6/14/71. . .12/1/95; 20.11.1.1 NMAC – Rn, 20 NMAC 11.01.I.1, 10/1/02]

20.11.1.2 SCOPE:

A. This Part is applicable to the City of Albuquerque and Bernalillo County.
B. Exempt: This Part does not apply to sources within Bernalillo County, which are located on Indian lands over which the Albuquerque/Bernalillo County Air Quality Control Board lacks jurisdiction.
[12/1/95. . .8/1/96; 20.11.1.2 NMAC – Rn, 20 NMAC 11.01.I.2, 10/1/02]

20.11.1.3 STATUTORY AUTHORITY: This Part is adopted pursuant to the authority provided in the New Mexico Air Quality Control Act, NMSA 1978 Sections 74-2-4, 74-2-5.C; the Joint Air Quality Control Board Ordinance, Bernalillo County Ordinance 94-5 Section 4; the Joint Air Quality Control Board Ordinance, Revised Ordinances of Albuquerque 1994 Section 9-5-1-4.
[6/14/71. . .12/1/95; 20.11.1.3 NMAC – Rn, 20 NMAC 11.01.I.3, 10/1/02]

20.11.1.4 DURATION: Permanent.
[12/1/95; 20.11.1.4 NMAC – Rn, 20 NMAC 11.01.I.4, 10/1/02]

20.11.1.5 EFFECTIVE DATE: The effective date of this Part, or amendment to, and those following is the first day of the month after the Part or amendment has been filed with the State Records Center plus 30 days as required by the New Mexico Air Quality Control Act, December 1, 1995. The effective date of specific sections, are located at the end of each section within the historical brackets.
[12/1/95. . .8/1/96; 20.11.1.5 NMAC – Rn, 20 NMAC 11.01.I.5 & A, 10/1/02]

20.11.1.6 OBJECTIVE: The objective of this Part is to provide definitions and ambient air quality standards, which are generally applicable to Albuquerque/Bernalillo County Air Quality Control Board Regulations.
[12/1/95; 20.11.1.6 NMAC – Rn, 20 NMAC 11.01.I.6 & A, 10/1/02]

20.11.1.7 DEFINITIONS: The definitions of this Part apply unless there is a conflict between definitions in other Parts, in which case the definition found in the applicable Part shall govern. The definitions include the measurements, abbreviations, and acronyms in Subsection GGGG, of 20.11.1.7 NMAC.

A. “Abnormal Operating Conditions” means the startup or shutdown of air pollution control device(s) or process equipment.

B. “Administrator” means the Administrator of the United States Environmental Protection Agency or his or her designee.

C. “Affected Source or Facility” means any stationary source, or any other source of air pollutants, that must comply with an applicable requirement.

D. “Air Agency, Department or EHD” means the Environmental Health Department (EHD) of the City of Albuquerque. The EHD, or its successor agency or authority, as represented by the Department Director or his/her designee, is the lead air quality planning agency for the Albuquerque/Bernalillo County nonattainment/maintenance area. The EHD serves as staff to the Albuquerque/Bernalillo County Air Quality Control Board, (A/BCAQCB), and is responsible for the administration and enforcement of the A/BCAQCB regulations.

E. “Air Contaminant or Air Pollutant” means an air pollution agent or combination of such agents, including any physical, chemical, biological, radioactive (including source material, special nuclear material, and byproduct material) substance or matter which is emitted into or otherwise enters the ambient air. Such term includes any precursors to the formation of any air pollutant; to the extent the EPA has identified such precursor or precursors for the purpose for which the term "air pollutant" is used. This excludes water vapor, nitrogen (N₂), carbon dioxide (CO₂), oxygen (O₂), methane and ethane.

F. “Air Pollution” means the emission, except as such emission occurs in nature, into the outdoor atmosphere of one or more air contaminants in such quantities and duration as may with reasonable probability

injure human health, animal or plant life, or as may unreasonably interfere with the public welfare, visibility or the reasonable use of property.

G. "Air Quality Control Act" means the State of New Mexico Air Quality Control Act, Chapter 74, Article 2, NMSA 1978 as amended.

H. "Air Quality Control Board, Board or A/BCAQCB" means the Albuquerque/Bernalillo County Air Quality Control Board, which is empowered by Federal Act, the Air Quality Control Act, and ordinances, to prevent or abate air pollution within the boundaries of Bernalillo County, except for Indian lands over which the Board lacks jurisdiction.

I. "Allowable Emissions" means:

(1) Any Department or federally enforceable permit term or condition which limits the quantity, rate, or concentration of emissions of air pollutants on a continuous basis, including any requirements which limits the level of opacity, prescribe equipment, set fuel specifications, or prescribe operation or maintenance procedures for a source to assure continuous reduction that are requested by the applicant and approved by the Department or, determined at the time of issuance or renewal of a permit to be an applicable requirement.

(2) Any federally enforceable emissions cap that the permittee has assumed to avoid an applicable requirement to which the source would otherwise be subject.

J. "Ambient" means that portion of the atmosphere, external to buildings, to which the general public has access.

K. "Applicable Requirement" means any of the following, and includes requirements that have been promulgated or approved by the Board or EPA through rulemaking:

(1) Any standard or other requirement provided for in the New Mexico State Implementation Plan approved by EPA, or promulgated by EPA through rulemaking, under Title I, including parts C or D, of the Federal Act.

(2) Any term or condition of any pre-construction permit issued pursuant to regulations approved or promulgated through rulemaking under Title I, including parts C or D, of the Federal Act.

(3) Any standard or other requirement:

(a) under Section 111 or 112 of the Federal Act;

(b) of the acid rain program under Title IV of the Federal Act or the regulations promulgated

thereunder;

(c) governing solid waste incineration under Section 129 of the Federal Act;

(d) for consumer and commercial products under Section 183(e) of the Federal Act;

(e) of the regulations promulgated to protect stratospheric ozone under Title VI of the Federal

Act, unless the Administrator has determined that such requirements need not be contained in a Title V permit.

(4) Any requirements established pursuant to Section 504(b) or Section 114(a)(3) of the Federal Act.

(5) Any national or state ambient air quality standard.

(6) Any increment or visibility requirement under Part C of Title I of the Federal Act applicable to temporary sources permitted pursuant to Section 504(e) of the Federal Act.

(7) Any regulation adopted by the Board in accordance with the Joint Air Quality Control Board Ordinances pursuant to the Air Quality Control Act, and the laws and regulations in effect pursuant to the Air Quality Control Act.

L. "Breakdown, Malfunction or Upset" means any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, or process equipment, which causes a process to not operate in a normal manner. Failures that are caused by process imbalance, poor maintenance or careless operation are not breakdowns.

M. "Carbon Monoxide or CO" means a colorless, odorless, poisonous gas composed of molecules containing a single atom of carbon and a single atom of oxygen with a molecular weight of 28.01 g/mole.

N. "Chemical Process" means any manufacturing processing operation in which one or more changes in chemical composition or chemical properties are involved.

O. "Coal Burning Equipment" means any device used for the burning of coal for the primary purpose of producing heat or power by indirect heat transfer in which the products of combustion do not come into direct contact with other materials.

P. "Commenced" means that an owner or operator has undertaken a continuous program of construction or that an owner or operator has entered into a binding agreement or contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modification.

Q. "Construction" means fabrication, erection, or installation of an affected facility.

R. “**Crematory**” means any combustion unit designed and used solely for cremating human or animal remains or parts and tissues, thereof, and other items normally associated with the cremation process, but not including pathological waste.

S. “**Department**” means the Albuquerque Environmental Health Department, which is the administrative agency of the Albuquerque/Bernalillo County Air Quality Control Board.

T. “**Director**” means the administrative head of the Albuquerque Environmental Health Department or a designated representative(s).

U. “**Emission Limitation or Standard**” means a requirement established by EPA, the State Implementation Plan (SIP), the Air Quality Control Act, local ordinance, permit, or Board Part or regulation, that limits the quantity, rate or concentration, or combination thereof, of emissions of regulated air pollutants on a continuous basis, including any requirements relating to the operation or maintenance of a source to assure continuous reduction.

V. “**EPA**” means the United States Environmental Protection Agency or the EPA's duly authorized representative.

W. “**Excess Emissions**” means emissions of an air pollutant in excess of an emission limit or standard.

X. “**Excess Emissions Report**” means a report submitted by a stationary source at the request of the Department in order to provide data on the source's compliance with emission limits and operating parameters.

Y. “**Federal Act, Act or CAA**” means the Federal Clean Air Act, 42 U.S.C. Section 7401 through 7671 et seq., as amended.

Z. “**Federal Class I Wilderness Areas**” means areas designated by the EPA as such. Federal Class I wilderness areas within 100 kilometers of Bernalillo County are Bandelier Wilderness, Pecos Wilderness, and San Pedro Parks Wilderness.

AA. “**Fluid**” means either of the two states of matter, liquid or gaseous.

BB. “**Fugitive Emissions**” means any emissions which cannot reasonably pass through a stack, chimney, vent, or other functionally-equivalent opening or is not otherwise collected, unless the emission is otherwise regulated by the Federal Act, the Air Quality Control Act, or the laws and regulation in effect pursuant to the Act.

CC. “**Grain**” means that unit of weight, which is equivalent to 0.0648 grams.

DD. “**Hazardous Air Pollutant**” means an air contaminant, which has been classified pursuant to the Federal Act, the Air Quality Control Act, or laws and regulations in effect pursuant to the Act.

EE. “**Hydrocarbons or HC**” means any chemical compound of a class of aliphatic, cyclic, or aromatic chemical compounds containing mostly hydrogen and carbon. Hydrocarbons are highly reactive in the presence of nitrogen oxides and sunlight. All are precursors to more serious air pollutants such as ozone and nitrogen dioxide.

FF. “**Hydrogen Sulfide or H₂S**” means the chemical compound containing two atoms of hydrogen and one of sulfur with a molecular weight of 34.07 g/mole.

GG. “**Incinerator**” means any furnace used in the process of burning solid waste for the purpose of reducing the volume, by removing combustible matter.

HH. “**Inedible Animal By-Product Processing**” means operations primarily engaged in rendering, cooking, drying, dehydration, digesting, evaporating and/or concentrating of animal proteins and fats.

II. “**Kraft Mill**” means any pulping process, which uses an alkaline solution for a cooking liquor.

JJ. “**Lead or Pb**” means a heavy metal, with a molecular weight of 207.19 g/mole that is hazardous to health if breathed or swallowed.

KK. “**Modification**” means any physical change in or change in the method of operation of a stationary source which increases the potential to emit any air contaminant emitted by the stationary source or which results in the emission of any air contaminant not previously emitted.

LL. “**New Source**” means any stationary source, the construction or modification of which is commenced after the filing of a regulation applicable to the stationary source.

MM. “**Nitrogen Dioxide or NO₂**” means a reddish brown, poisonous gas composed of molecules containing a single atom of nitrogen and two of oxygen with a molecular weight of 46.0 g/mole.

NN. “**Nitrogen Oxides or NO_x**” is a class of chemicals containing varying quantities of nitrogen and oxygen that are created from combustion processes taking place at high temperatures and high pressures. (e.g. inside automotive engine cylinders or in high temperature boilers). Examples of nitrogen oxides are NO, NO₂, NO₃, N₂O₂, and N₂O₅. Nitrogen oxides are also referred to as oxides of nitrogen.

OO. "NMAC" means New Mexico Administrative Code, which contains the rules adopted by all rulemaking agencies of the State of New Mexico and the rules adopted by the A/BCAQCB.

PP. "Open Burning" means the combustion of any material without the following characteristics:

- (1) Control of combustion air to maintain adequate temperature for efficient combustion;
- (2) Containment of the combustion reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion; and
- (3) Emission controls for the gaseous combustion products.

QQ. "Operator" means the person(s) responsible for the overall operation of a source.

RR. "Owner" means the person(s) who owns a source or part of a source.

SS. "Ozone or O₃" means a pungent, colorless gas composed of molecules containing three atoms of oxygen with a molecular weight of 48.0 g/mole.

TT. "Part" means the regulation number in the NMAC.

UU. "Particulate Matter or PM" means any airborne finely divided solid or liquid material such as dust, smoke, mist, fumes or smog found in air or emissions.

VV. "Particulate Matter Emissions" means all finely divided solid or liquid material, other than uncombined water, emitted to the ambient air as measured by the reference method in 40 CFR 60, Appendix A, Method 5, or an equivalent method approved by the EPA.

WW. [Reserved]

XX. "Pathological Waste Destructor" means any equipment, which is used to dispose of pathological waste by combustion or other process, which is approved by EPA.

YY. "Performance Test" means the data, which is the result of a test performed as required by the Department to determine compliance.

ZZ. "Permit" means any permit or group of permits, modifications, renewals or revisions authorizing the construction or operation of a stationary source pursuant to the Federal Act, the Air Quality Control Act, or laws and regulations in effect pursuant to the Act.

AAA. "Permittee" means the owner or operator identified in any permit application or permit.

BBB. "Person" means any individual, partnership, firm, public or private corporation, association, trust, estate, political subdivision or agency, or any other legal entity or their legal representatives, agents or assigns.

CCC. "Photochemical Oxidants" means an air pollutant, which is formed by the action of sunlight on oxides of nitrogen and hydrocarbons.

DDD. "PM₁₀, PM_{2.5} or PM₁" means particulate matter with an aerodynamic diameter less than or equal to 10, 2.5, or 1 micrometers, respectively.

EEE. "PM₁₀ Emissions" means finely divided solid or liquid material, with an aerodynamic diameter less than or equal to a nominal 10 micrometers emitted to the ambient air as measured by the reference method in 40 CFR Part 50, Appendix J, or equivalent method approved by the EPA.

FFF. [Reserved]

GGG. "Pollution Control Device or Air Pollution Control Equipment" means any device, equipment, process or combination thereof, the operation of which may limit, capture, reduce, confine, or otherwise control regulated air pollutants or convert for the purposes of control any regulated air pollutant to another form, another chemical or another physical state. This includes, but is not limited to, sulfur recovery units, acid plants, baghouses, precipitators, scrubbers, cyclones, water sprays, enclosures, catalytic converters, and steam or water injection.

HHH. "Portable or Temporary Stationary Source" means a stationary source capable of changing its location with limited dismantling or reassembly which is associated with a specific construction project or increased production demand.

III. "Potential to Emit or Pre-Controlled Emission Rate" means the maximum capacity of a stationary source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation is federally enforceable or is included in a permit issued by the Department. However, the potential to emit for nitrogen dioxide shall be based on total oxides of nitrogen.

JJJ. "Process Equipment" means any equipment used for storing, handling, transporting, processing or changing any materials whatsoever but excluding that equipment specifically defined in these regulations as incinerators, crematories, pathological waste destructors, pathological destructors and medical waste destructors.

KKK. "Process Weight" means the total weight of all materials introduced into any specific process, which causes any discharge of air contaminants into the atmosphere. Solid fuels introduced into any specific process will be considered as part of the process weight, but liquid and gaseous fuels and combustion air will not.

LLL. “**Process Weight Rate**” means the hourly rate derived by dividing the total process weight by the number of hours in one complete operation from the beginning of any given process to the completion thereof, or from the beginning to the completion of a typical portion thereof, excluding any time during which the equipment is idle.

MMM. [Reserved]

NNN. “**Regulated Air Pollutant**” means the following:

- (1) any pollutant for which a national, state, or local ambient air quality standard has been promulgated;
- (2) any pollutant that is subject to any standard promulgated under Section 111 of the Federal Act;
- (3) any Class I or II substance subject to any standard promulgated under or established by Title VI of the Federal Act; or
- (4) any pollutant subject to a standard promulgated under Section 112 or any other requirements established under Section 112 of the Federal Act.

OOO. “**Responsible Official**” means one of the following:

- (1) for a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to a permit and either:
 - (a) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or
 - (b) the delegation of authority to such representatives is approved in advance by the Department.
- (2) For a partnership or sole proprietorship: a general partner or the proprietor, respectively.
- (3) For a municipality, state, federal or other public agency: either a principal executive officer or ranking elected official. For the purposes of this regulation, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of EPA).
- (4) For an acid rain source: the designated representative (as defined in Section 402(26) of the Federal Act) in so far as actions, standards, requirements, or prohibitions under Title IV of the Federal Act or the regulations promulgated thereunder are concerned, and for any other purposes under 40 CFR, Part 70.

PPP. “**Shutdown**” means the cessation of operation of any air pollution control equipment, process equipment or process for any purpose.

QQQ. [Reserved]

SSS. “**Smoke**” means small gas-borne particles resulting from incomplete combustion, consisting predominantly, but not exclusively, of carbon, soot and combustible material.

TTT. “**Solid Waste**” means garbage; refuse; yard waste; food wastes; plastics; leather; rubber; sludge; and other discarded combustible or noncombustible waste, including solid, liquid, semisolid; or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community or residential activities, and from waste treatment plants, water supply treatment plants, or air pollution control facilities; but does not include solid or dissolved material in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges which are point sources subject to permit under section 402 of the Federal Water Pollution Control Act, or source, special nuclear, or byproduct material as defined by the Atomic Energy Act.

UUU. [Reserved]

VVV. “**Stack, Chimney, Vent, or Duct**” means any conduit or duct emitting particulate or gaseous emissions into the open air.

WWW. “**Standard Conditions**” means the conditions existing at a temperature of 70° F (25° C) and pressure of 14.7 psia (760 mmHg).

XXX. “**Standard Cubic Foot**” means a measure of the volume of one cubic foot of gas at standard conditions.

YYY. “**Startup**” means the setting into operation of any air pollution control equipment, process equipment or process for any purpose.

ZZZ. “**Stationary Source**” means any building, structure, facility or installation, which of any machine, equipment, article or other contrivance whose location is either permanent or temporary, which excluding a private residence, that emits or may emit any regulated air pollutant or any pollutant listed under Section 112(b) of the

Federal Act, the Air Quality Control Act, or the laws and regulations in effect pursuant to the Act. Several buildings, structures, facilities, or installations, or any combinations will be treated as a single stationary source if they belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same person, or persons, or are under common control. Pollutant-emitting activities shall be treated as the same industrial grouping if they have the same first two digits of an applicable Standard Industrial Classification (SIC) Code as described in the Standard Industrial Classification Manual.

AAAA. "Sulfur Dioxide or SO₂" means a pungent, colorless, poisonous gas composed of molecules containing a single atom of sulfur and two atoms of oxygen with a molecular weight of 64.07 g/mole.

BBBB. "Total Reduced Sulfur" means any combination of sulfur compounds, except sulfur dioxide and free sulfur, which test as reduced sulfur, including, but not limited to, hydrogen sulfide, methyl mercaptan, and ethyl mercaptan.

CCCC. "Total Suspended Particulate or TSP" means particulate matter as measured by the method described in 40 CFR Part 50, Appendix B.

DDDD. "Vapors" means the gaseous form of a substance, which exists in the liquid or solid state at standard conditions.

EEEE. "Visible Emission" means an emission that can be seen because its opacity or optical density is above the threshold of vision.

FFFF. "Volatile Organic Compounds or VOC" means any compound of carbon which participates in atmospheric photochemical reactions excluding carbon monoxide; carbon dioxide; carbonic acid; metallic carbides or carbonates; ammonium carbonate; methane; ethane; methylene chloride (dichloromethane); 1,1,1-trichloroethane (methyl chloroform); 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113); trichlorofluoromethane (CFC-11); dichlorodifluoromethane (CFC-12); chlorodifluoromethane (HCFC-22); trifluoromethane (HFC-23); 1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114); chloropentafluoroethane (CFC-115); 1,1,1-trifluoro 2,2-dichloroethane (HCFC-123); 1,1,1,2-tetrafluoroethane (HFC-134a); 1,1-dichloro 1-fluoroethane (HCFC-141b); 1-chloro 1,1-difluoroethane (HCFC-142b); 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124); pentafluoroethane (HCFC-125); 1,1,2,2-tetrafluoroethane (HFC-134); 1,1,1-trifluoroethane (HFC-143a); 1,1-difluoroethane (HFC-152a); perchlorobenzotrifluoride (PCBTF); cyclic, branched, or linear completely methylated siloxanes; acetone; perchloroethylene (tetrachloroethylene) and perfluorocarbon compounds; and, any additional compounds which the EPA determines to have negligible photochemical reactivity.

GGGG. "Measurements, Abbreviations. And Acronyms"

A/BCAQCB-Albuquerque/Bernalillo County Air Quality Control Board

ABT-Averaging, Banking and Trading (Program)

AIRS-Aerometric Information Retrieval System

AMPA-Albuquerque Metropolitan Planning Area

APCD-Air Pollution Control Division

API-American Petroleum Institute

AQIA-Air Quality Impact Assessment

AQS-Air Quality Services

ASE-National Institute for Automotive Service Excellence

ASTM-American Society for Testing and Materials

ATS-Allowance Tracking System

BACT-Best Available Control Technology

Bhp-Brake horsepower

Btu-British thermal unit

C-Celsius

CAA(A)-federal Clean Air Act (Amendments)

CEM-Continuous Emission Monitor

CFC(s) -Chlorofluorocarbon(s)

cfh-cubic feet per hour

cfm-cubic feet per minute

CFR-Code of Federal Regulations

CO₂-carbon dioxide.

CO-Carbon monoxide.

COG-Council of Governments

CMAQ-Congestion Mitigation and Air Quality

cu. in.-cubic inch(es)

DER-Discrete Emission Reduction
DOE-Department of Energy
DOT-U.S. Department of Transportation
DPM-Development Process Manual
DRB-Development Review Board
EA-Environmental Assessment
EHD-Environmental Health Department
EI-Emission Inventory
EIS-Environmental Impact Statement
EPA-U.S. Environmental Protection Agency
EPC-Environmental Planning Commission
ERC-Emission Reduction Credit
F-Fahrenheit.
FHWA Federal Highway Administration, DOT
FMVCP-Federal Motor Vehicle Control Program
FR-Federal Register
ft.-feet
FTA-Federal Transit Administration, DOT
g-gram(s)
g/mole-grams per mole
gal -U.S. gallon(s)
GVW-Gross vehicle weight
GVWR-Gross vehicle weight rating
h-hour(s)
HAP-Hazardous Air Pollutants
HC-hydrocarbon(s)
Hg-mercury
hp.-horsepower
I/M-Inspection/Maintenance
in.-inch(es)
ISTEA-Intermodal Surface-Transportation Efficiency Act
K-kelvin
kg-kilogram(s)
km-kilometer(s)
kPa-kilopascal(s)
lb.-pound(s)
lb/day-pounds per day
lb-ft-pound-feet
lb/hr-pounds per hour
lb/yr-pounds per year
LAER-Lowest Achievable Emission Rate
LNG-Liquefied Natural Gas
LPG-Liquefied Petroleum Gas
LRTP-Long Range Transportation Plan
m-meter(s)
MACT-Maximum Achievable Control Technology
max.-maximum
MCO-Manufacturer's Certificate of Origin
µg-microgram
µg/m³-microgram per cubic meter
mg-milligram(s)
mg/m³-milligram per cubic meter
mi.-mile(s)
min-minute(s)
ml-milliliter(s)
mm-millimeter(s)

mmBtu-million Btu
mmHg-millimeters of Mercury
mph-miles per hour
MPO-Metropolitan Planning Organization
MRGCOG-Middle Rio Grande COG
MSERC-Mobile Source Emission Reduction Credits
MSMTC-Mobile Source Modeling Technical Committee
MTBE-methyl tertiary butyl ether
MVD-Motor Vehicle Division
MWe-megawatt electrical
N₂-nitrogen.
NAAQS-National Ambient Air Quality Standards
NAMS-National Air Monitoring Station
NDIR-nondispersive infrared
NEPA-National Environmental Policy Act
NESCAUM/MARAMA-Northeast States for Coordinated Air Use Management/Mid-Atlantic Regional Air Management Association
NESHAP-National Emission Standards for Hazardous Air Pollutants
NIST-National Institute of Standards and Technology
NM-New Mexico
NMAC-New Mexico Administrative Code
NMSA-New Mexico Statutes Annotated
NO-nitric oxide
NO₂-nitrogen dioxide
NO_x -oxides of nitrogen
No-Number
NOV-Notice of Violation
NMHC-Non-methane Hydrocarbons
NSPS-New Source Performance Standards
NSR-New Source Review
O₂-oxygen
O₃-O zone
OMTR-Open Market Trading Rule
OTAG-Ozone Transport Assessment Group
OTC-Ozone Transport Commission
Pb-lead
PIC-Public Involvement Committee
PM-Particulate Matter
PM_{2.5}-Particulate Matter Less Than 2.5 microns
PM₁₀-Particulate Matter Less Than 10 microns
ppm-parts per million by volume
ppm C-parts per million, carbon
PSD-Prevention of Significant Deterioration
PSI-Pollutant Standard Index
psi-pounds per square inch
psia-pounds per square inch absolute
psig-pounds per square inch gauge
PTE-Potential to Emit
PWD-Pathological Waste Destructor
QF-Qualifying Facility
R-Rankin
RACT-Reasonably Available Control Technology
R&D-Research & Development
RECLAIM-Regional Clean Air Incentives Market
ROG-Reactive Organic Gases
rpm-revolutions per minute.

RTA-Regional Transit Authority
 RTC-RECLAIM Trading Credit
 RVP-Reid vapor pressure
 s-second(s)
 SAE-Society of Automotive Engineers
 SBAP-Small Business Assistance Program
 scf-standard cubic foot
 SI-International system of units
 SIP-State Implementation Plan
 SLAMS-State and Local Air Monitoring Station
 SMOG-SMOke + fOG
 SO₂-Sulfur Dioxide
 State DOT-NM Highway & Transportation Department
 STIP-State Transportation Improvement Program
 TCC-Transportation Coordinating Committee
 TCM-Transportation Control Measure
 TES-Transportation Evaluation Study
 TIP-Transportation Improvement Program
 TMA-Transportation Management Association
 ton/yr-tons per year
 TPTG-Transportation Program Task Group
 tpy-tons per year
 TSP-Total Suspended Particulate
 UPWP-Unified Planning Work Program
 UTPPB-Urban Transportation Planning Policy Board
 U.S.-United States
 UV-Ultraviolet
 VE-Visible Emission(s)
 VIN-Vehicle Identification Number
 VMT-Vehicle Miles Traveled
 VOC-Volatile Organic Compounds
 VPMD-Vehicle Pollution Management Division
 %-percent
 °-degree(s)

[3/21/77, 11/12/81, 11/21/81, 3/16/89, 6/16/92, 2/26/93, 9/23/94, 12/16/94, 12/1/95, 8/1/96; 20.11.1.7 NMAC – Rn, 20 NMAC 11.01.I.7, 10/1/02]

20.11.1.8 VARIANCES: [Reserved]
 [12/1/95; 20.11.1.8 NMAC - Rn, 20 NMAC 11.01.I.8, 10/1/02]

20.11.1.9 SAVINGS CLAUSE: Any amendment to 20.11.1 NMAC which is filed with the State Records Center shall not affect actions pending for violation of a City or County Ordinance, Air Quality Control Board Standard 1, Board Regulations No. 1, 2, and 26, or Part 1. Prosecution for a violation under prior regulation wording shall be governed and prosecuted under the statute ordinance, Part, or regulation section in effect at the time the violation was committed.
 [12/1/95; 20.11.1.9 NMAC – Rn, 20 NMAC 11.01.I.9, 10/1/02]

20.11.1.10 SEVERABILITY: If any section, paragraph, sentence, clause, or word of this Part or any federal standards incorporated herein is for any reason held to be unconstitutional or otherwise invalid by any court, the decision shall not affect the validity of remaining provisions of this Part.
 [12/1/95; 20.11.1.10 NMAC – Rn, 20 NMAC 11.01.I.10, 10/1/02]

20.11.1.11 DOCUMENTS: Documents incorporated and cited in this Part may be viewed at the Albuquerque Environmental Health Department, 400 Marquette NW, Albuquerque, NM.
 [12/1/95; 20.11.1.11 NMAC – Rn, 20 NMAC 11.01.I.11 & A, 10/1/02]

20.11.1.12 [Reserved]

[12/1/95; 20.11.1.12 NMAC – Rn, 20 NMAC 11.01.I.12 & Repealed, 10/1/02; Rn, 20 NMAC 11.01.II.1, 10/1/02]

20.11.1.13 BERNALILLO COUNTY AIR QUALITY GOALS AND ENFORCEABLE AMBIENT AIR QUALITY STANDARDS:

A. It is the intent of the Board that the ambient air quality standards in this section establish a level of air quality designed to protect human health, animal and plant life and property; they are further intended to protect against interference with public welfare, visibility and the use of property. The Board has adopted goals and guidelines to assist the Department in determining the need for and the extent of air pollution control regulations and emission limitations. The Bernalillo County air quality goals are not enforceable. Federal and New Mexico ambient air quality standards are enforceable.

B. [Reserved]

C. [Reserved]

D. **Ambient Air Quality Goals and Enforceable Standards**

| <u>Pollutant</u> | <u>Goals</u> | | <u>Enforceable Standards</u> | |
|---|-----------------------|------------------|------------------------------|-----------------------|
| | A/BCAQCB | New Mexico State | Federal Primary | Federal Secondary |
| Carbon Monoxide (CO) | | | | |
| 8 hour average | - | 8.7 ppm | 9.0 ppm | 9.0 ppm |
| 1 hour average | 13 ppm | 13.1 ppm | 35 ppm | 35 ppm |
| Nitrogen Dioxide (NO₂) | | | | |
| 24 hour average | .062 ppm | .10 ppm | - | - |
| annual arithmetic mean | .053 ppm | .05 ppm | 053 ppm. | 053 ppm |
| Ozone (O₃) | | | | |
| 1 hour average | .120 ppm | - | .120 ppm | .120 ppm |
| Sulfur Dioxide (SO₂) | | | | |
| 24 hour average | .10 ppm | .10 ppm | - | .140 ppm |
| 3 hour average | - | - | - | .5 ppm |
| annual arithmetic mean | .004 ppm | .02 ppm | .03 ppm | - |
| Particulate Matter (PM₁₀) | | | | |
| 24 hour average | 150 µg/m ³ | - | 150 µg/m ³ | - |
| annual arithmetic mean | - | - | - | 50 µg/m ³ |
| Lead (Pb) | | | | |
| Quarterly arithmetic mean | 1.5 µg/m ³ | - | 1.5 µg/m ³ | 1.5 µg/m ³ |
| Hydrogen Sulfide | | | | |
| 1 hr average | .003 ppm | .010 ppm | - | - |
| Total Reduced Sulfur | | | | |
| 1/2 hour average | - | .003 ppm | - | - |
| 1 hour average | .003 ppm | - | - | - |
| Particulate Matter (TSP) | | | | |

| | | | | |
|-----------------------|-----------------------|-----------------------|---|---|
| 24 hour average | 150 µg/m ³ | 150 µg/m ³ | - | - |
| 7 day average | - | 110 µg/m ³ | - | - |
| 30 day average | - | 90 µg/m ³ | - | - |
| annual geometric mean | 60 µg/m ³ | 60 µg/m ³ | - | - |

[11/12/81. . . 3/24/82, 8/1/96; 20.11.1.13 NMAC – Rn, 20 NMAC 11.01.II.2, 10/1/02]

20.11.1.14 INTERPRETATION: Except as expressly provided to the contrary in these regulations, whenever two or more parts of these regulations limit, control or regulate the emissions of a particular air contaminant, the more restrictive or stringent shall govern.
 [3/24/82; 20.11.1.14 NMAC – Rn, 20 NMAC 11.01.II.3, 10/1/02]

HISTORY OF 20.11.1 NMAC:

Pre-NMAC History: The material in this part was derived from that previously filed with the commission of public records – state records center and archives.

Resolution No. 1, Air Pollution Control Regulations Of The Albuquerque Bernalillo County Air Quality Control Board, 8/6/71;

Regulation No. 1, Air Pollution Control Regulations, 6/6/73;

Regulation No. 1, Air Pollution Control Regulations, 7/9/73;

Regulation No. 1, Air Pollution Control Regulations, 3/21/77;

Regulation No. 1, Resolutions - Air Pollution Control Regulations, 3/24/82;

Regulation No. 1, Resolution - Air Pollution Regulations, 6/18/86;

Resolution No. 2, Ambient Air Quality Standards Of The Albuquerque Bernalillo County Air Quality Control Board, 8/6/71;

Resolution No. 2, Ambient Air Quality Standards Of The Albuquerque Bernalillo County Air Quality Control Board, 6/6/73;

Standard No. 1, Ambient Air Quality Standards, 11/12/81;

Regulation No. 2, Definitions, 3/24/82;

Regulation No. 2, Definitions, 1/3/85;

Regulation No. 2, Definitions, 3/16/89;

Regulation No. 2, Definitions, 11/27/91;

Regulation No. 2, Definitions, 6/16/92;

Regulation No. 26, Interpretation, 3/24/82.

History of Repealed Material: [Reserved]

Other History: Regulation No. 1, Air Pollution Regulations, filed 6/18/86; Standard No. 1, Ambient Air Quality Standards, filed 11/12/81; Regulation No. 2, Definitions, filed 6/16/92; and Regulation No. 26, Interpretation, filed 3/24/82; were all renumbered and reformatted into first version of the New Mexico Administrative Code as 20 NMAC 11.01, General Provisions, filed 10/27/95.

20 NMAC 11.01, General Provisions, filed 10/27-95 was renumbered, reformatted, amended and replaced by 20.11.1 NMAC, General Provisions, effective 10/1/02.