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RULE 1301

New Source Review Definitions

For the purposes of this Regulation, the following definitions shall apply:

- (A) Actual Emissions - The actual rate of emissions of a Regulated Air Pollutant which accurately represent the emissions from Emissions Unit(s). Such emissions shall be Real, Quantifiable and calculated using the verified actual operating hours; production rates; and types of materials processed, stored or combusted as applicable.
- (B) Affected State - Any State or local air pollution control agency whose air quality may be affected by the granting of a permit to a Facility or Emissions Unit(s) and which is contiguous to the District; or any State which is located within 50 miles of the Facility.
- (C) Air Pollutant - Any air pollution agent or combination of such agents, including any physical, chemical, biological, or radioactive (including source material, special nuclear material and byproduct material) substance or matter which is emitted into or otherwise enters the ambient air.
- (D) Air Pollution Control Officer (APCO) - The person appointed to the position of Air Pollution Control Officer of the District pursuant to the provisions of California Health & Safety Code §40750, and his or her designee.
- (E) Air Quality Attainment Plan (AQAP) - A planning document submitted and periodically revised by the District pursuant to the provisions of the California Health & Safety Code §§40910 et seq. and approved by CARB. Also known as Air Quality Management Plan.
- (F) Ambient Air Quality Standards - Any National Ambient Air Quality Standard promulgated pursuant to the provisions of 42 U.S.C. §7409 (Federal Clean Air Act §109) or any State Ambient Air Quality Standard promulgated to California Health & Safety Code §39606 unless the particular Ambient Air Quality Standard (either National or State) is specified.
- (G) Application for Certification (AFC) - A document submitted to the CEC requesting certification of an EEGF pursuant to the provisions of D1 4/29/2021.
- (H) Authority to Construct Permit (ATC) - A District permit required pursuant to the provisions of District Rule 201 which must be obtained prior to the building, erecting, installation, alteration or replacement of any Permit Unit. Such permit may act as a temporary PTO pursuant to the provisions of District Rule 202.

- (I) Banking (Banked) - The process of recognizing and certifying emissions reductions of Regulated Air Pollutants pursuant to the provisions of District Rule 1309 which results in the issuance of an ERC Certificate and recordation of the ERC in the Registry.
- (J) Begin Actual Construction - The general initiation of physical on-site construction activities on Emissions Unit(s) which are of a permanent nature. Actual construction activities include, but are not limited to, the following:
- (1) Installation of building supports and foundations;
 - (2) Laying of underground pipe work;
 - (3) Construction of permanent storage structures; and
 - (4) With respect to a change in operating method, those on-site activities, other than preparatory activities, which mark the initiation of the change.
- (K) Best Available Control Technology (BACT) - For Permit Units at Facilities as indicated below:
- (1) For a new or Modified Major Facility as defined below the most stringent of:
 - (a) The most stringent emission limit or control technique which has been achieved in practice, for such Permit Unit, class or category of source; or
 - (b) LAER as defined below; or
 - (c) Any other emission limitation or control technique, and/or different fuel demonstrated in practice to be technologically feasible and cost-effective by the APCO or by CARB.
 - (2) For a new or modified non-major facility:
 - (a) The most stringent emission limit or control technique which has been achieved in practice for such category or class of source. Economic and technical feasibility may be considered in establishing the class or category of source; or
 - (b) Any other emission limit or control technique found by the APCO to be technologically feasible and cost effective for such class or category of source.
 - (3) Under no circumstances shall BACT be determined to be less stringent than the emission limit or control technique contained in any State Implementation Plan as approved by USEPA unless the applicant demonstrates to the satisfaction of the APCO that such limitation or control technique is not achievable.

- (4) In no event shall the application of BACT result in the emissions of any Regulated Air Pollutant which exceeds the emissions allowed by any applicable standard or other requirement under 42 U.S.C. §7411, Standards of Performance for New Stationary Sources (Federal Clean Air Act §111) or 42 U.S.C. §7412, Hazardous Air Pollutants (Federal Clean Air Act §112) or the regulations promulgated thereunder.
- (L) California Air Resources Board (CARB) - The California State Air Resources Board the powers and duties of which are described in Part 2 of Division 26 of the California Health & Safety Code (commencing with §39500).
- (M) California Energy Commission (CEC) - The California Energy Commission the powers and duties of which are described in Division 15 of the California Public Resources Code (commencing with §25000).
- (N) Cogeneration Project - a project which:
- (1) Makes sequential use of exhaust steam, waste steam, heat or resultant energy from an industrial, commercial or manufacturing plant or process for the generation of electricity; or
 - (2) Makes sequential use of exhaust steam, waste steam, or heat from a thermal power plant, in an industrial, commercial, or manufacturing plant or process; and
 - (3) Such “industrial, commercial or manufacturing plant or process” is not a thermal power plant or portion thereof; and
 - (4) Does not consist of steam or heat developed solely for electrical power generation; and
 - (5) The processes listed in subsections (N)(1) and (N)(2) above must meet the conditions set forth in the California Public Resources Code §25134.
- (O) Class I Area – Any area listed as Class I in 40 CFR 81.405 – California or an area otherwise specified as Class I in legislation that creates a national monument, a national primitive area, a national preserve, a national recreation area, a national wild and scenic river, a national wildlife refuge or a national lakeshore or seashore.
- (P) Commence Construction - When the owner or operator of a Facility or of a Facility undergoing a Major Modification has obtained all necessary preconstruction approvals and/or permits pursuant to the provisions of this Regulation and District Rule 1700, if applicable, and has either:
- (1) Begun, or caused to begin, a continuous program of actual on-site construction to be completed within a reasonable time; or

- (2) Entered into binding agreements or contractual obligations, which cannot be canceled or modified without substantial loss to the owner or operator, to undertake a program of actual construction of the Facility or Emissions Unit(s) to be completed within a reasonable time.
- (Q) Comprehensive Emission Inventory – A plan and report prepared pursuant to the most recently published District *Comprehensive Emissions Inventory Guidelines* which consists of numerical representations of the existing and proposed emissions from a Facility and the methods utilized to determine such data.
- (R) Construction - Any physical change or change in the method of operation in a Facility (including fabrication, erection, installation, demolition, or modification of Emissions Unit(s)) which would result in a change in Actual Emissions.
- (S) Contiguous Property - Two or more parcels of land with a common boundary or separated solely by a public or private roadway, or other public or private right-of-way.
- (T) Dispersion Technique –For purposes of determining whether a stack height exceeds good engineering practices, the definition contained in 40 CFR 51.100(hh) in effect on June 15, 2021 shall apply, and is incorporated herein by this reference.
- (U) District - The Antelope Valley Air Quality Management District created pursuant to Chapter 14, Part 3 of Division 26 of the California Health & Safety Code (commencing with §41300) the geographical area of which is described in District Rule 103.
- (V) Electrical Energy Generating Facility (EEGF) - Any stationary or floating electrical generating facility using any source of thermal energy, with a generating capacity of 50 megawatts or more, and any facilities appurtenant thereto.
- (1) Exploratory, development, and production wells, resource transmission lines and other related facilities used in connection with a geothermal exploratory project or a geothermal field development project are not appurtenant facilities for the purposes of this Regulation.
- (2) EEGF does not include any wind, hydroelectric or solar photovoltaic electrical generating facility.
- (W) Emissions Limitation - One or a combination of Federally Enforceable permit conditions specific to a Permit Unit which restricts its maximum daily emissions, in pounds per day or other appropriate unit of measure, at or below the emissions associated with the maximum design capacity.
- (X) Emissions Reduction Credit (ERC) - A credit for an amount and type of emissions reductions of Regulated Air Pollutant(s) granted by the District pursuant to the provisions of District Rule 1309 which is evidenced by recordation in the Registry and by an ERC Certificate.

- (Y) Emissions Unit - any article, machine, equipment, contrivance or combination thereof which emits or has the Potential to Emit any Regulated Air Pollutant, including any associated air pollution control equipment.
- (Z) Enforceable – Verifiable, legally binding, and practically enforceable.
- (AA) ERC Certificate - a certificate evidencing ownership of an ERC issued pursuant to the provisions of District Rule 1309.
- (BB) Excessive Concentration – For purposes of determining whether a stack height exceeds good engineering practices, the definition contained in 40 CFR 51.100(kk) in effect June 15, 2021 shall apply, and is incorporated herein by this reference.
- (CC) Facility - Any structure, building, Emissions Unit, combination of Emissions Units, or installation which emits or may emit a Regulated Air Pollutant and which are:
- (1) Located on one or more Contiguous or adjacent properties within the District;
 - (2) Under the control of the same person (or by persons under common control); and
 - (3) Belong to the same industrial grouping, as determined by being within the same two-digit Standard Industrial Classification Code (SICC).
 - (4) For the purpose of this regulation, such above-described grouping, remotely located but connected only by land carrying a pipeline, shall not be considered one Facility.
- (DD) Federal Class I Area – Any Federal land that is classified or reclassified as a Class I Area.
- (EE) Federal Land Manager - with respect to any lands in the United States, the Secretary of the department with authority over such lands and their designee.
- (FF) Federally Enforceable - any limitation and/or condition which is set forth in permit conditions or in Rules or Regulations that are legally and practically enforceable by USEPA, citizens and the District; including, but not limited to:
- (1) Requirements developed pursuant to 42 U.S.C. §7411 - *Standards of Performance for New Stationary Sources* (Federal Clean Air Act §111) or 42 U.S.C. §7412 - *Hazardous Air Pollutants* (Federal Clean Air Act §112) or the regulations promulgated thereunder;
 - (2) Requirements within any applicable SIP;
 - (3) Permit requirements established pursuant to 40 CFR 52.21; 51.160-166; or under regulations approved pursuant to 40 CFR 51, subpart I, including operating permits issued under a USEPA approved program that is incorporated into the

State Implementation Plan and expressly requires adherence to any permit issued under such program.

- (GG) Fugitive Emissions - Those emissions which could not reasonably pass through a stack, chimney, vent or other functionally equivalent opening.
- (HH) Good Engineering Practice – For purposes of determining whether a stack height exceeds good engineering practices, the definition contained in 40 CFR 51.100(ii) in effect on June 15, 2021 shall apply, and is incorporated herein by reference.
- (II) "Halocarbons" - For the purpose of this rule, halocarbons are 1,1,1-trichloroethane, trichlorofluoromethane (CFC-11), dichlorodifluoromethane (CFC-12), chlorodifluoromethane (CFC-22), trifluoromethane (CFC-23), methylene chloride, trichlorotrifluoroethane (CFC-113), dichlorotetrafluoroethane (CFC-114), and chloropentafluoroethane (CFC-115).
- (JJ) "Historic Actual Emissions" (HAE) - The Actual Emissions of an existing Emissions Unit or combination of Emissions Units, including Fugitive Emissions directly related to the Emissions Unit(s), if the Facility belongs to one of the Facility categories as listed in 40 CFR 51.165(a)(1)(iv)(C), calculated pursuant to the provisions of District Rule 1304(E)(2).
- (KK) Lowest Achievable Emissions Rate (LAER) - The rate of emissions which is not in excess of the amount allowable under the applicable New Source Performance Standards as found in 40 CFR 60 and which reflects the most stringent emissions limitation which is:
- (1) Contained in the SIP of any State for such class or category of source, unless the owner/operator of the source demonstrates that such limitations are not achievable; or
 - (2) Achieved in practice by such class or category of source.
- (LL) Major Facility - Any Facility which emits or has the Potential to Emit any Regulated Air Pollutant or its Precursors in an amount greater than or equal to the amounts set forth in District Rule 1303(B)(1).
- (1) Any Modification at a Facility which, by itself, would emit or have the Potential to Emit any Regulated Air Pollutant or its Precursors in an amount greater than or equal to the amounts listed in District Rule 1303(B)(1), shall also constitute a Major Facility.
 - (2) The Fugitive Emissions of a Facility shall not be included in the determination of whether a Facility is a Major Facility unless the Facility belongs to one of the categories of Facilities as listed in 40 CFR 51.165(a)(1)(iv)(C).

- (MM) Major Modification - Any Modification in a Facility that would result in a Significant Net Emissions Increase of any Regulated Air Pollutant as defined below.
- (NN) Mandatory Class I Federal Area or Mandatory Federal Class I Area – Any area identified in 40 CFR 81, Subpart D (commencing with 81.400) specifically 40 CFR 81.405 – California.
- (OO) Military Base Designated for Closure or Realignment - A military base designated for closure or downward realignment pursuant to the Defense Base Closure and Realignment Act of 1988 (PL 100-526) or the Defense Base Closure and Realignment Act of 1990 (10 U.S.C. §§2687 et seq.).
- (PP) Mobile Source - A device by which any person or property may be propelled, moved, or drawn upon the surface, waterways, or through the atmosphere, and which emits air contaminants. For the purpose of this Regulation, mobile source includes registered Motor Vehicles which are licensed, or driven on the public roadways of the state of California.
- (QQ) Modeling - An air quality simulation model based on specific assumptions and data; which comply with the most current version of 40 CFR Appendix W or an alternative method approved by USEPA after an opportunity for public notice and comment; and which have been approved in advance and in writing by the APCO.
- (RR) Modification (Modified) - Any physical or operational change to a Facility or an Emissions Unit to replace equipment, expand capacity, revise methods of operation, or modernize processes by making any physical alteration or change, change in method of operation, addition to an existing Permit Unit and/or change in hours of operation which result in a Net Emission Increase of any Regulated Air Pollutant or which result in the emission of any Regulated Air Pollutant not previously emitted.
- (1) A physical or operational change shall not include:
- (a) Routine maintenance, repair and/or replacement; or
 - (b) A change in ownership of an existing Facility with valid PTO(s); or
 - (c) An increase in the production rate, unless:
 - (i) Such increase will cause the maximum design capacity of the Emission Unit to be exceeded; or
 - (ii) Such increase will exceed a previously imposed federally enforceable limitation contained in a permit condition.
 - (d) An increase in the hours of operation, unless such increase will exceed a previously imposed Federally Enforceable limitation contained in a permit condition.

- (e) The alteration or replacement of an Emissions Unit(s) where the following requirements are met:
 - (i) The replacement unit is functionally identical as the original Emissions Unit(s) being replaced; and
 - (ii) The maximum rating of the replacement Emissions Unit(s) will not be greater than that of the Emissions Unit(s) being replaced; and
 - (iii) The Potential to Emit for any Regulated Air Pollutant will not be greater from the replacement Emissions Unit(s) than from the original Emissions Unit(s) when the replacement Emissions Unit(s) is operated at the same permitted conditions as the original Emissions Unit(s) and as if current BACT had been applied; and
 - (iv) The replacement does not occur at a Major Facility and is not a Major Modification.
 - (v) Emissions Unit(s) shall not be considered a functionally identical replacement if USEPA objects to such determination on a case-by-case basis.

- (f) The relocation of an existing Facility, utilizing existing equipment where the following requirements are met:
 - (i) The relocation does not result in an increase in emissions from the Facility; and
 - (ii) The relocation is to a site within 10 miles of the original Facility location; and
 - (iii) The relocation is to a site which is not in actual physical contact with the original site and the sites are not separated solely by a public roadway or other public right-of-way.
 - (iv) The relocation is to a site within a Federal designation which is less than or equal to the designation or classification of the original site; and
 - (v) The relocation occurs within 1 year of the Facility ceasing operations at its original location; and
 - (vi) The relocation does not occur at a Major Facility and is not a Major Modification; and
 - (vii) Any new or replacement equipment associated with the relocation complies with the applicable provisions of this Rule.

- (g) The periodic movement of internal combustion engines and gas turbines within a Facility because of the nature of their operation provided that all of the following conditions are met:
 - (i) The engine or turbine is used to remediate soil or groundwater contamination as required by federal, state, or local law or by a judicial or administrative order; or for flight-line operations.

- (ii) The engine or turbine is not periodically moved solely for the purpose of qualifying for this exemption.
- (iii) Emissions from the engine, by itself, do not cause an exceedance of any Ambient Air Quality Standard.
- (iv) Emissions from the engine do not exceed the following:

Volatile Organic Compounds (VOC)	75 pounds per day
Nitrogen Oxides (NO _x)	100 pounds per day
Sulfur Oxides (SO _x)	150 pounds per day
Particulate Matter (PM ₁₀)	150 pounds per day
Carbon Monoxide (CO)	550 pounds per day

- (SS) Motor Vehicle - Any self-propelled Vehicle, including, but not limited to cars, trucks, buses, golf carts, vans, motorcycles, recreational Vehicles, tanks, and armored personnel carriers as defined in California Vehicle Code §415 and/or §670 (as in effect on the most recent amendment date of this Rule) including, but not limited to, any Motor Vehicles which are registered, licensed, or driven on the public roadways of the State of California
- (TT) Nearby – For purposes of determining whether a stack height exceeds good engineering practices, the definition contained in 40 CFR 51.100(jj) in effect on June 15, 2021 shall apply, and is incorporated herein by this reference.
- (UU) Net Emissions Increase - An emissions change as calculated pursuant to District Rule 1304(B)(2) which exceeds zero.
- (VV) New Source Review Document (NSR Document) - A document issued by the APCO pursuant to the procedures of District Rule 1302 for a Facility subject to the provisions of District Rule 1303(B) which includes, but is not limited to, all analysis relating to the project, Offsets required for the project, and proposed conditions for any required ATC(s) or PTO(s).
- (WW) Nonattainment Air Pollutant - Any Regulated Air Pollutant for which the District, or a portion thereof, has been designated nonattainment as codified in 40 CFR 81.305, or for which has been designated nonattainment by the CARB pursuant to California Health and Safety Code §39607. A pollutant for which the District is designated nonattainment by USEPA shall be referred to in this regulation as a *Federal Nonattainment Pollutant* while a pollutant for which the District is designated nonattainment by CARB shall be referred to as a *State Nonattainment Pollutant*.
- (XX) Nonattainment Area – Any area within the jurisdiction of the District which has been designated nonattainment by USEPA as exceeding a National Ambient Air Quality Standard as codified in 40 CFR 81.305 or which has been designated nonattainment by CARB as exceeding a State Ambient Air Quality Standard pursuant to California Health

& Safety Code §39607. An area designated nonattainment by USEPA shall be referred to in this regulation as a *Federal Nonattainment Area* while an area designated nonattainment by CARB shall be referred to as a *State Nonattainment Area*.

- (YY) Notice of Intention (NOI) - A notice regarding an EEGF produced pursuant to the provisions of Division 15 of the California Public Resources Code (commencing with §25000).
- (ZZZ) Off-road Vehicle - Any vehicle which is not licensed for use on the public roadways in the State of California and is used exclusively at the Facility.
- (AAA) Offset Emission Reductions (Offsets) - Emission Reduction Credits (ERCs) or Simultaneous Emissions Reductions (SERs) when used to offset emission increases of Regulated Air Pollutants on a pollutant category specific basis. ERCs shall be calculated and comply with the provisions of District Rule 1309. SERs shall be calculated and comply with the provisions of District Rule 1304(C). ERCs and SERs shall be adjusted, if necessary, pursuant to the applicable provisions of District Rule 1305.
- (BBB) Permanent - Continuing or enduring without fundamental marked change. As used for the purposes of Offset Emissions Reductions, a reduction that is Federally Enforceable via changes in permits or other means for the life of the corresponding increase in emissions.
- (CCC) Permit to Operate" (PTO) - A District permit required pursuant to the provisions of District Rule 203 which must be obtained prior to operation of a Permit Unit. An ATC may function as a temporary PTO pursuant to the provisions of District Rule 202.
- (DDD) Permit Unit - Any Emissions Unit which is required to have a PTO pursuant to the provisions of District Rule 203.
- (EEE) Person - Includes but is not limited to: any individual, firm, association, organization, partnership, business trust, corporation, limited liability company, company, proprietorship, trust, joint venture, government, political subdivision of a government, or other entity or group of entities.
- (FFF) PM₁₀ - Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers.
- (GGG) Potential to Emit (PTE) - The maximum capacity of a Facility or Emissions Unit(s) to emit any Regulated Air Pollutant under its physical and operational design.
- (1) Any physical or operational limitation on the capacity of the Facility or Emissions Unit(s) 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 processes, shall be treated as part of its design only if the limitation or the effect it would have on emissions is Federally Enforceable.

- (2) Fugitive Emissions of Hazardous Air Pollutants shall be included in the calculation of a Facility's or Emission Unit(s)' Potential to Emit.
- (3) Fugitive Emissions of other Air Pollutants shall not be included in the calculations of a Facility or Emissions Unit(s) Potential to Emit unless the Facility belongs to one of the categories listed in 40 CFR 51.165(a)(1)(iv)(C).
- (4) Secondary Emissions shall not be included in the calculations of a Facility or Emissions Unit(s) Potential to Emit.

(HHH) Precursor - A substance which, when released to the atmosphere, forms or causes to be formed or contributes to the formation of a Regulated Air Pollutant. These include, but are not limited to the following:

<u>Precursors</u>	<u>Secondary Pollutants</u>
Ammonia	a) PM ₁₀
Hydrocarbons and substituted hydrocarbons (Volatile Organic Compounds)	a) Photochemical oxidant (ozone) b) The organic fraction of PM ₁₀ c) PM _{2.5}
Nitrogen dioxide (NO ₂)	a) PM _{2.5}
Nitrogen oxides (NO _x)	a) Nitrogen dioxide (NO ₂) b) The nitrate fraction of PM ₁₀ c) Photochemical oxidant (ozone)
Sulfur dioxide (SO ₂)	a) PM _{2.5}
Sulfur oxides (SO _x)	a) Sulfur dioxide (SO ₂) b) Sulfates (SO ₄) c) The sulfate fraction of PM ₁₀

(III) Proposed Emissions - the Potential to Emit for a new or post-modification Emissions Unit(s), or a new or post-modification Facility as constructed or modified, including Fugitive Emissions directly related to the Emissions Unit(s) if the Facility belongs to one of the Facility categories as listed in 40 CFR 51.165(a)(1)(iv)(C), calculated in pounds per year and determined pursuant to the provisions of Rule 1304(D)(3).

(JJJ) “Quantifiable” - Capable of being determined. As used for the purposes of Offset Emissions Reductions a reliable, replicable and accurate basis for calculating the amount, rate, nature and characteristic of an emissions reduction by adhering to a protocol that is established considering USEPA, CARB and District policies and procedures. The same method of calculating emissions should generally be used to quantify the emission levels before and after any reduction in emissions.

(KKK) Readjustment - The process of revising the amount of AERs and ERCs issued due to changes in control measures identified in the District’s AQAP or SIP.

(LLL) Real - Actually occurring, implemented and not artificially devised.

(MMM) Reasonably Available Control Technology (RACT) - Any device, system, process modification, apparatus, technique or combination of the above which results in the lowest emissions rate and which is reasonably available considering technological and economic feasibility.

(NNN) Reduced Sulfur Compounds - Hydrogen sulfide, carbon disulfide and carbonyl sulfide.

(OOO) Registry (ERC Registry) - The document established by District Rule 1309(B) which lists all ERCs, their amounts, owners and serves as evidence of ownership of an ERC.

(PPP) Regulated Air Pollutant - Any of the following Air Pollutants:

- (1) Any Air Pollutant, and its Precursors, for which an Ambient Air Quality Standard has been promulgated.
- (2) Any Air Pollutant that is subject to a standard under 42 U.S.C. §7411 - *Standards of Performance for New Stationary Sources* (Federal Clean Air Act §111) or the regulations promulgated thereunder.
- (3) Any substance which has been designated a Class I or Class II substance under 42 U.S.C. §7671a (Federal Clean Air Act §602) or the regulations promulgated thereunder.
- (4) Any Air Pollutant subject to a standard or other requirement established pursuant to 42 U.S.C. §7412 - *Hazardous Air Pollutants* (Federal Clean Air Act §112) or the regulations promulgated thereunder.

(QQQ) Seasonal Source - Any Facility or Emissions Unit(s) with more than seventy-five percent (75%) of its annual emissions within a consecutive 120-day period.

(RRR) Secondary Emissions - Emissions which would occur as a result of the Construction or operation of a Facility or Major Modification to a Facility but which do not come from the Facility or the Major Modification itself.

- (1) These emissions must be specific, well defined, quantifiable, and impact the same general area as the Facility or the Major Modification which causes the Secondary Emissions.
- (2) Secondary Emissions shall include emissions from any offsite support Facility which would not be constructed or increase its emissions except as the result of the construction or operation of the Facility or Major Modification.

(3) Secondary Emissions shall not include any emissions which come directly from a Mobile Source.

(SSS) Shutdown - the earlier of either:

- (1) The permanent cessation of emissions from Emissions Unit(s); or
- (2) The surrender of Emissions Unit(s) operating permit.

(TTT) Significant - A Net Emissions Increase from a Major Modification which would be greater than or equal to the following emissions rates for those Nonattainment Air Pollutants and their Precursors dependent upon Facility location.

<u>POLLUTANT</u>	<u>EMISSION RATE</u> (Within a Severe Federal ozone nonattainment area)	<u>EMISSION RATE</u> (Within a moderate PM ₁₀ nonattainment area)
Carbon Monoxide (CO)	100 tpy	100 tpy
Lead (Pb)	0.6 tpy	0.6 tpy
Oxides of Nitrogen (NO _x)	25 tpy	40 tpy
PM10	N/A	15 tpy
Reactive Organic Compounds (ROC)	25 tpy	40 tpy
Sulfur Dioxide (SO ₂)	40 tpy	40 tpy

(1) If a Facility is located in more than one Federal Nonattainment Area then the lower of the limits listed above shall apply on a pollutant category specific basis.

(UUU) Simultaneous Emission Reduction (SER) - A Federally Enforceable reduction in the emissions of an existing Emissions Unit(s), calculated pursuant to the provisions of District Rule 1304(C), which occurs in the same permitting action as when such SERs are used pursuant to this Regulation and is a reduction in the Historic Actual Emissions of the Emissions Unit(s).

(VVV) South Coast Air Quality Management District (SCAQMD) – The air district created pursuant to Division 26, Part 3, Chapter 5.5 of the Health & Safety Code (commencing with §40400).

(WWW) Stack – Any point in a Facility or Emission Unit designed to emit solids, liquids, or gases into the air, including a pipe or duct but not including flares.

(XXX) Stack in Existence - For purposes of determining whether a stack height exceeds good engineering practices, the definition contained in 40 CFR 51.100(gg) in effect on June 15, 2021 shall apply, and is incorporated herein by this reference.

- (YYY) State Implementation Plan (SIP) - A plan for the reduction of Regulated Air Pollutants created by the District and CARB and approved by USEPA pursuant to the provisions of Title I of the Federal Clean Air Act (42 U.S.C. §§7401 et seq.) and the regulations promulgated thereunder.
- (ZZZ) Surplus – That which is not otherwise required. As used for the purposes of Offset Emissions Reductions the amount of emissions reductions that are, at the time of generation and use, not otherwise required by Federal, State or District law, rule, order, permit or regulation; not required by any legal settlement or consent decree; and not relied upon to meet any requirement related to the California State Implementation Plan (SIP).
- (AAAA) Total Organic Compounds - Compounds of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates and ammonium carbonate.
- (BBBB) United States Environmental Protection Agency (USEPA) - The United States Environmental Protection Agency, the Administrator of the USEPA and their authorized representative.
- (CCCC) Volatile Organic Compounds (VOC) - Any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions and those compounds listed in 40 CFR 51.100(s)(1).

[See AVAQMD SIP table at <https://avaqmd.ca.gov/rules-plans>]