

## APPENDIX A – PROPOSED REGULATION ORDER

Adopt new sections 1963, 1963.1, 1963.2, 1963.3, 1963.4, 1963.5, 2012, 2012.1, 2012.2, and 2012.3, title 13, California Code of Regulations, to read as follows:

(Note: The entire text of sections 1963 - 1963.5 and 2012 - 2012.3 set forth below is new language in "normal type" proposed to be added to the California Code of Regulations.)

### **Section 1963. Advanced Clean Trucks Purpose, Applicability, Definitions, and General Requirements.**

- (a) *Purpose.* The purpose of these regulations is to accelerate the market for zero-emission vehicles to reduce emissions of oxides of nitrogen (NOx), fine particulate matter (PM), other criteria pollutants, toxic air contaminants, and greenhouse gases (GHG) from medium- and heavy-duty vehicles.
- (b) *Scope and Applicability.* Any manufacturer that certifies vehicles over 8,500 lbs. gross vehicle weight rating for sale in California is subject to sections 1963, 1963.1, 1963.2, 1963.3, 1963.4, and 1963.5 except as specified in section 1963(e).
- (c) *Definitions.* The following definitions apply for sections 1963 through 1963.5:
  - (1) "All-electric range" means the same as the all-electric range defined and tested per the requirements of 17 CCR section 95663(d) for vehicles with a GVWR over 8,500 lbs.
  - (2) "Class 2b-3" means a vehicle with a GVWR that is 8,501 pounds up to 14,000 pounds.
  - (3) "Class 2b-3 Group" means the group of vehicles including all vehicles with a GVWR that is 8,501 pounds up to 14,000 pounds.
  - (4) "Class 4" means a vehicle with a GVWR that is 14,001 pounds up to 16,000 pounds.
  - (5) "Class 4-8 Group" means the group of vehicles including all vehicles with a GVWR that is 14,001 pounds and above, except for a tractor as defined in section 1963(c)(18).
  - (6) "Class 5" means a vehicle with a GVWR that is 16,001 pounds up to 19,500 pounds.
  - (7) "Class 6" means a vehicle with a GVWR that is 19,001 pounds up to 26,000 pounds.

- (8) "Class 7" means a vehicle with a GVWR that is 26,001 pounds up to 33,000 pounds.
- (9) "Class 7-8 Tractor Group" means a group of vehicles, that have a GVWR 26,001 and above, including all vehicles that meet the definition of "tractor" as defined in section 1963(c)(18), except "yard tractors" as defined in section 1963(c)(20).
- (10) "Class 8" means a vehicle with a GVWR that is 33,000 pounds and above.
- (11) "Excluded bus" means a vehicle that meets the following conditions:
  - (A) A passenger-carrying vehicle with a GVWR as defined in California Vehicle Code section 350 that is 14,001 pounds or more; and
  - (B) Has a load capacity of fifteen (15) or more passengers; and
  - (C) Is not a cutaway vehicle as defined in 13 CCR section 2023 (b)(17); and
  - (D) Is not a school bus as defined in the California Vehicle Code section 545.
- (12) "Gross Vehicle Weight Rating (GVWR)" has the same meaning as GVWR in California Vehicle Code section 350.
- (13) "Manufacturer" means any person engaged in the manufacturing or assembling of new motor vehicles, or importing such vehicles for resale, or who acts for and is under the control of any such person in connection with the distribution of new motor vehicles, but shall not include any dealer with respect to new motor vehicles received in commerce. In general, this term includes any person who manufactures or assembles a vehicle (including a trailer or another incomplete vehicle) for sale in California or otherwise introduces a new motor vehicle into commerce in California. This includes importers who import vehicles for resale and entities that assemble glider vehicles.
- (14) "Model year" means a designation meeting the definition of "model year" under 17 CCR section 95662(a)(16).
- (15) "Near-zero-emission vehicle" or "NZEV" means one of the following:
  - (A) A plug-in hybrid electric vehicle which has the same definition as that in 40 CFR section 86.1803-01, amended on July 1, 2011, incorporated by reference herein, that achieves a minimum all-electric range as defined in section 1963(c)(1).

- (B) A hybrid electric vehicle that has the capability to charge the battery from an off-vehicle conductive or inductive electric source and achieves a minimum all-electric range as defined in section 1963(c)(1).
- (16) "NZEV Credit" means a credit generated by producing and selling in California a NZEV.
- (17) "Pickup truck" means a vehicle that is originally sold by the manufacturer with an OEM equipped open bed as defined in 13 CCR section 150.04, and does not include a vehicle that is equipped with a bed-mounted storage compartment unit commonly called a "utility body."
- (18) "Tractor" means a vehicle meeting one of the following definitions:
  - (A) The definition of "tractor" in 17 CCR section 95662(a)(23), or
  - (B) The definition of "vocational tractor" in 17 CCR section 95662(a)(27).
- (19) "Vehicle" means equipment that meet the following criteria:
  - (A) Has a GVWR that is 8,501 pounds and above; and
  - (B) Is equipment intended for use on highways, and meets the definition set forth in 17 CCR section 95662(a)(26); and
  - (C) Is not a trailer as defined in 17 CCR section 95662(a)(24); and
  - (D) Is not an excluded bus as defined in section 1963 (c)(11).
- (20) "Yard Tractor" means a vehicle, with an on-road engine and a hydraulically elevated fifth wheel that is used in moving and spotting trailers and containers at a location or facility. Yard tractors are also commonly known as yard goats, hostlers, yard dogs, trailer spotters, or jockeys.
- (21) "Zero-emission vehicle" or "ZEV" means a vehicle with a drivetrain that produces zero exhaust emission of any criteria pollutant (or precursor pollutant) or greenhouse gas under any possible operational modes or conditions.
- (22) "ZEV Credit" means a credit generated by producing and selling a ZEV into California.

- (d) *General Requirements.* Except as provided in section 1963(e), a manufacturer is subject to the following requirements:
- (1) *Credits Must Match or Exceed Deficits.* Except as provided in section 1963.3(b), a manufacturer must meet all of the following conditions to be determined to be in compliance:
- (A) *Class 2b-3 and Class 4-8 Group Deficits.* The number of ZEV and NZEV credits retired in all three class groups must equal or exceed the annual aggregate deficits incurred in a given model year in the Class 2b-3 and Class 4-8 groups.
- (B) *Class 7-8 Tractor Group Deficits.* The number of tractor ZEV and tractor NZEV credits retired in the Class 7-8 tractor group must equal or exceed the annual aggregate deficits incurred in a given model year in the Class 7-8 tractor group.
- (e) *Low Volume Exemption.* Manufacturers that never exceed 500 annual average sales of Class 2b and greater vehicles in California for the three prior model years are exempt from the requirements of sections 1963 through 1963.5. Manufacturers that meet this exemption as of 2021 but subsequently exceed 500 annual average sales in any model year become subject to the requirements of sections 1963 through 1963.5 starting the second model year after the average annual sales exceeded the threshold.
- (f) *Voluntary Credit Generation.* Any manufacturer that is exempt from the regulation requirements per section 1963(e) may elect to generate ZEV or NZEV credits per the provisions of section 1963.2. If a manufacturer chooses to generate ZEV or NZEV credits, it must comply with the credit generation, banking, and trading provisions of section 1963.2, the reporting and recordkeeping requirements of section 1963.4, and the enforcement provisions of section 1963.5.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 39650, 39658, 39659, 39666, 39667, 43013, 43018, 43100, 43101, 43102, 43104 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 38580, 39000, 39003, 39650, 39655, 43000, 43000.5, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43106, 43205, 43205.5 Health and Safety Code.

### **Section 1963.1. Advanced Clean Trucks Deficits**

- (a) *Basic Requirement.* Beginning with the applicable effective dates, a manufacturer must comply with the following requirements:
- (1) *Deficit Generation.* Starting with the 2024 model year, a manufacturer shall annually incur deficits based on the manufacturer's annual sales volume. The aggregate number of deficits incurred annually must be matched with a minimum of the same number of ZEV and NZEV credits

as calculated in section 1963.2 and determine compliance as described in section 1963.3.

- (A) *Pickup Exclusion.* Sales of complete pickup trucks in the Class 2b-3 group are excluded from the annual sales volume when determining deficits generated until the 2027 model year. If vehicles cannot be identified as being sold as complete pickups by the vehicle identification number (VIN), the vehicles must be included in the annual sales volume.
- (B) *Deficit Calculation.* Deficits shall be calculated each model year. For each vehicle group, the annual deficit is calculated as the sum of the product of the model year percentage requirement from Table A-1, and the appropriate weight class modifier for each vehicle from Table A-2.

Table A-1. ZEV Sales Percentage Schedule

Model Year	Class 2b-3 Group*	Class 4-8 Group	Class 7-8 Tractors Group
2024	3%	7%	3%
2025	5%	9%	5%
2026	7%	11%	7%
2027	9%	13%	9%
2028	11%	24%	11%
2029	13%	37%	13%
2030 and beyond	15%	50%	15%

\*Excluding pickup trucks until the 2027 model year

Table A-2. Weight Class Modifiers

	Class 2b-3	Class 4-5	Class 6-7**	All Class 8 and Class 7 Tractors
Weight Class Modifier	0.6	1	1.5	2

\*\*Excludes Class 7 tractors

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 39650, 39658, 39659, 39666, 39667, 43013, 43018, 43100, 43101, 43102, 43104 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 38580, 39000, 39003, 39650, 39655, 43000, 43000.5, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43106, 43205, 43205.5 Health and Safety Code.

**Section 1963.2. Advanced Clean Trucks Credit Generation, Banking, and Trading**

Beginning with the 2021 model year, the following requirements apply:

- (a) *ZEV Credit Calculation.* A manufacturer may generate ZEV credits for each ZEV certified to California standards and sold in California for the manufacturer-designated model year. The ZEV credit generated for each vehicle sold is equal to the value of the appropriate weight class modifier in Table A-2 of section 1963.1.
- (b) *NZEV Credit Calculation.* Until the end of the 2030 model year, a manufacturer may generate NZEV credits for each NZEV certified to California standards and sold in California for the manufacturer-designated model year. The NZEV credit generated for each vehicle sold is calculated as the product of the appropriate weight class modifier in Table A-2 of section 1963.1, and the NZEV factor value as calculated in section 1963.2(b)(1).
  - (1) *NZEV Factor Value.* The NZEV factor used to calculate NZEV credits shall be calculated as 0.01 multiplied by the all-electric range, and is not to exceed 0.75.
- (c) *Rounding.* If the calculated number of summed credits for a vehicle group is not equal to a whole number, the summed number shall round up to the nearest tenth when the fractional part of the required number of credits is equal to or greater than 0.05, and round down if less than 0.05.
- (d) *Credit Banking.* Credits generated in excess of the annual deficit requirements may be banked for future use. Banked credits may be used to satisfy deficits per section 1963.3 and have limited lifetimes per section 1963.2(g).
- (e) *Credit Trading and Transfer.* Credits may be traded, sold, or otherwise transferred between manufacturers. Credits transferred in this manner may be used to satisfy deficits per section 1963.3 and have limited lifetimes per section 1963.2(g), and must be reported to the Executive Officer in accordance with the requirements of section 1963.4.
- (f) *Credit Accounting.* Credits must be separately accounted for based on model year generated. NZEV credits must be accounted for separately from ZEV credits. Class 7-8 tractor group credits must be accounted for separately from Class 2b-3 group and Class 4-8 group credits.
- (g) *Limited Credit Lifetime.* Credits have limited lifetimes as follows:
  - (1) *2021 to 2023 Model Year.* Credits generated in the 2021, 2022 and 2023 model years expire at the end of the 2030 model year, and are no longer available to be used to meet compliance for 2031 and later model years. For example, credits generated during the 2022 model year may be used to meet compliance requirements until the end of the 2030 model

year, and may not be used to meet 2031 model year compliance requirements.

- (2) *2024 Model Year and Beyond.* Credits generated with 2024 and subsequent model years expire at the end of the 4th subsequent model year following the current model year and are no longer available to be used to meet compliance. For example, credits generated during the 2024 model year may be used to meet compliance requirements until the end of the 2028 model year, and may not be used to meet 2029 model year compliance requirements.
- (h) *Zero-Emission Powertrain Certification for ZEVs.* Beginning with the 2024 model year, ZEVs over 14,000 pounds GVWR and incomplete medium-duty ZEVs from 8,501 through 14,000 pounds GVWR produced and delivered for sale in California must meet the requirements of 13 CCR section 1956.8 and 17 CCR section 95663 as amended by the Zero-Emission Powertrain Certification regulation to receive ZEV credit.
- (i) *No Double Counting for Advanced Clean Cars ZEVs.* Manufacturers that produce and deliver for sale in California Class 2b-3 ZEVs may choose to count those vehicle as earning credits towards meeting the requirements of 13 CCR section 1962.2 or may count those vehicles as earning credits to meeting the requirements of section 1963.2, but may not count the same vehicles as earning credits in both regulations. Manufacturers must report information per section 1963.4(d) to declare which regulation the vehicle sales will be counted toward.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 39650, 39658, 39659, 39666, 39667, 43013, 43018, 43100, 43101, 43102, 43104 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 38580, 39000, 39003, 39650, 39655, 43000, 43000.5, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43106, 43205, 43205.5 Health and Safety Code.

### **Section 1963.3. Advanced Clean Trucks Compliance Determination**

- (a) *Annual Compliance Determination.* Manufacturer's deficit and credit account balances must be calculated annually using a manufacturer's end of year report and compliance shall be determined based on whether the manufacturer's credits exceed their deficits.
- (b) *Requirement to Make Up a Deficit.* A manufacturer that retires fewer ZEV or NZEV credits than required to meet its credit obligation in a given model year must make up the deficit by submitting a commensurate number of ZEV credits to satisfy the deficiency by March 31 of the following model year. Deficits carried over to the following year cannot be made up with NZEV credits.
- (c) *Credit Retirement Order.* Credit accounts are debited using the following conventions:

- (1) First, credits must be retired in following order by weight class group:
    - (A) First, Class 7-8 tractor group credits to meet Class 7-8 tractor group deficits;
    - (B) Second, Class 2b-3 group and Class 4-8 group credits to meet Class 2b-3 group and Class 4-8 group deficits;
    - (C) Last, Class 7-8 tractor group credits to meet Class 2b-3 group and Class 4-8 group deficits.
  - (2) Second, credits must be retired by order of model year expiration, starting with the earliest expiring credit until deficits are met; and
  - (3) Third, NZEV credits must be retired first up to the cap described in 1963.3(d), then ZEV credits must be retired until deficits are met.
- (d) *NZEV Credit Limit.* A manufacturer may use Class 2b and above NZEV credits to satisfy, at maximum, 50 percent of the annual aggregate deficits for the Class 2b-3 group and the Class 4-8 group, and may use Class 7-8 tractor NZEV credits to satisfy, at maximum, 50 percent of the annual deficit for the Class 7-8 tractor group.
- (e) *Tractor Deficits Must Be Met With Tractor Credits.* Annual deficits accrued in the Class 7-8 tractor group can only be met with Class 7-8 tractor credits.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 39650, 39658, 39659, 39666, 39667, 43013, 43018, 43100, 43101, 43102, 43104 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 38580, 39000, 39003, 39650, 39655, 43000, 43000.5, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43106, 43205, 43205.5 Health and Safety Code.

#### **Section 1963.4. Advanced Clean Trucks Reporting and Recordkeeping**

- (a) *Sales Reporting.* Beginning with the 2021 model year, a manufacturer must report by March 31 of each year the following information to CARB for each type of vehicle certified to California standards and sold in California for each model year:
  - (1) Vehicle Identification Number (VIN) for each vehicle; and
  - (2) VIN codes for Class 2b-3 vehicles that identify whether the vehicle was originally sold as a pickup; and
  - (3) Vehicle weight class; and



- (4) Whether the vehicle type is a tractor, yard truck, is a pickup, or is another vehicle type; and
  - (5) Fuel and drivetrain type; and
  - (6) The volume [certified to California standards and sold in California](#) for the vehicle type; and
  - (7) If the vehicle is a NZEV, the tested all-electric range of the vehicle.
- (b) *Credit Transfer Reporting.* A manufacturer that transfers to or receives credits from another manufacturer must submit to the Executive Officer an annual report of all credit trades, transfers, and transactions. CARB will not recognize any credit transfers until the report is received.
- (1) **Transfer Reporting Deadline.** Reports must be submitted no later than March 31 of each year to comply with the current model year requirement or to make up shortfall from the prior year.
  - (2) **Required Credit Transfer Information.** Manufacturers that transfer or receive credits must submit a letter or document signed by authorized agents of both parties to the transaction summarizing the transfer, which must include the following:
    - (A) Corporate name of credit transferor.
    - (B) Corporate name of credit transferee.
    - (C) Number of ZEV credits transferred for each model year, rounded to the nearest tenth per 1963.2(c).
    - (D) Number of NZEV credits transferred for each model year, rounded to the nearest tenth per 1963.2(c).
    - (E) Indicate whether the credits are Class 7-8 Tractor credits, or other credits.
- (c) *Class 2b-3 Credit Declaration.* A manufacturer that generates ZEV or NZEV credits from the Class 2b-3 group must submit by March 31 of each year a declaration to the Executive Officer which includes:
- (1) The number of vehicles certified to California standards and sold in California to generate credits per section 1963.2; and
  - (2) The number of vehicles certified to California standards and sold in California to generate credits per 13 CCR section 1962.2.

- (d) *Retention of Records.* Records of reporting information required in section 1963.4(a-c) must be kept by manufacturers for CARB to audit for a period of eight (8) years from the model year vehicles were produced.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 39650, 39658, 39659, 39666, 39667, 43013, 43018, 43100, 43101, 43102, 43104 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 38580, 39000, 39003, 39650, 39655, 43000, 43000.5, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43106, 43205, 43205.5 Health and Safety Code.

### **Section 1963.5. Advanced Clean Trucks Enforcement**

- (a) *Enforcement of Requirements.* A manufacturer is subject to the following:
- (1) *Audit of Records.* A manufacturer must make records of vehicle sales into California available to CARB at its request for audit to verify the accuracy of information reported to CARB. In the event the records are not made available within 30 days of the request, CARB may assess penalties for noncompliance. Submitting false information to CARB is a violation of this regulation and violators will be subject to penalty.
  - (2) *Authority to Suspend, Revoke, or Modify.* If the Executive Officer finds that any ZEV or NZEV credit was obtained based on false information, the credit will be deemed invalid.
  - (3) *Public Disclosure.* Records in the Board's possession for the manufacturers subject to this regulation shall be subject to disclosure as public records as follows:
    - (A) Each manufacturer's annual vehicle production and sales in California data and the corresponding credits per vehicle earned for the 2021 and subsequent model years; and
    - (B) Each manufacturer's annual credit balances for 2021 and subsequent years for ZEVs and NZEVs; and
    - (C) Credits earned under section 1963.2, including credits acquired from, or transferred to another party, and the parties themselves.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 39650, 39658, 39659, 39666, 39667, 43013, 43018, 43100, 43101, 43102, 43104 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 38580, 39000, 39003, 39650, 39655, 43000, 43000.5, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43106, 43205, 43205.5 Health and Safety Code.

## **Section 2012.      Advanced Clean Trucks, Large Entity Reporting Requirement**

- (a) *Purpose.* The purpose of this article is to collect information to assess suitability of zero emission vehicles in multiple use cases and to inform future strategies on how to accelerate the zero-emission vehicle market in California. This article supports future measures to reduce emissions of oxides of nitrogen (NOx), fine particulate matter (PM), other criteria pollutants, toxic air contaminants, and greenhouse gases (GHG) from vehicles.
- (b) *Scope and Applicability.* Except as provided in subsection (c), this regulation shall apply to each of the following:
  - (1) Any entity that operated a facility in California in 2019 calendar year and had gross annual revenues greater than \$50 million in the United States for the 2019 tax year, including all subsidiaries, subdivisions, or branches. This does not include entities that own facilities in California but do not operate them;
  - (2) Any fleet owner with more than 100 vehicles with a GVWR greater than 8,500 lbs. and operated a facility in California in the 2019 calendar year;
  - (3) Any broker or entity that dispatched more than 100 vehicles with a GVWR greater than 8,500 lbs. into or throughout California in the 2019 calendar year;
  - (4) Any California government agency including all state and local municipalities; and
  - (5) Any Federal government agency operating in California.
- (c) *Exemptions.* The following entities are exempt from this regulation:
  - (1) K-12 schools and school districts and other entities whose fleet is comprised primarily of school buses, which for the purposes of this regulation, means the registered owner, lessee, licensee, school district superintendent, or bailee of any school bus, who operates or directs the operation of any such bus on either a for-hire or not-for-hire basis;
  - (2) Transit agencies that are subject to the Innovative Clean Transit regulation, section 2023; and
  - (3) Transportation network companies who solely connect drivers using their personal vehicles with passengers.
- (d) *Definitions.* The following definitions shall apply for sections 2012 through 2012.3:

- (1) “Assigned” means primarily where decisions about vehicle maintenance, repair and operation are made if a vehicle is not domiciled at any one facility.
- (2) “Broker” means an entity or person who, for compensation, arranges or offers to arrange the transportation of property by an authorized motor carrier. A motor carrier, or person who is an employee or bona fide agent of a carrier, is not a broker when it arranges or offers to arrange the transportation of shipments which it is authorized to transport and which it has accepted and legally bound itself to transport.
- (3) “Corporate parent” means a business that possesses the majority of shares in another business, which gives them control of their operational procedures.
- (4) “Facility” means any property with one or more unique physical addresses.
- (5) “Facility category” means a classification of different facility types based on a facility’s primary purpose. Facility categories are defined as the following:
  - (A) “Administrative/Office Building” means a building or structure used primarily for day-to-day activities that are related to administrative tasks such as financial planning, record keeping & billing, personnel, physical distribution and logistics, within a business.
  - (B) “Distribution Center/Warehouse” means a location used primarily for the storage of goods which are intended for subsequent shipment.
  - (C) “Hotel/Motel/Resort” means a commercial establishment offering lodging to travelers and sometimes to permanent residents.
  - (D) “Manufacturer/Factory/Plant” means a location with equipment for assembling parts, producing finished products, intermediate parts, or energy products.
  - (E) “Medical/Hospital/Care” means an institution engaged in providing, by or under the supervision of physicians, inpatient diagnostic and therapeutic services or rehabilitation services.
  - (F) “Multi-Building Campus/Base” means a property typically operated by a single entity with several buildings, often serving multiple purposes.
  - (G) “Restaurant” means a business establishment where meals or refreshments may be purchased.

- (H) “Service Center” means a facility that supports a business operation that generates revenue by providing a specific service or product, or a group of services or products to a customer.
  - (I) “Store” means an establishment that sells goods or a variety of goods and services to the general public.
  - (J) “Truck/Equipment Yard” means an establishment that primarily stores or dispatches trucks and equipment such as a garage or parking lot.
  - (K) “Any Other Facility Type” means any facility that is not included in 2012(d)(5)(A-J).
- (6) “Fleet” means one or more on-road vehicles that are owned by a person, business, or agency as defined in California Vehicle Code section 460. A fleet may fall into one of the following sub classifications:
- (A) “Federal fleet” means a fleet of vehicles owned by a department, agency, or instrumentality of the federal government of the United States of America and its departments, divisions, public corporations, or public agencies including the United States Postal Service. With respect to the Department of Defense and its service branches, federal fleets may be managed regionally, locally, or a combination of regional and local management. There may be multiple federal fleets within a military service or an installation; or
  - (B) “Rental or leased fleet” means a fleet of vehicles owned by a person (rental or leasing entity) for the purpose of renting or leasing, as defined in California Uniform Commercial Code section 10103(a)(10), such vehicles to other persons (renters or lessees) for use or operation.
- (7) “Fleet owner” means, except as modified below in paragraphs (A) and (B), either the person registered as the owner or lessee of a vehicle by the California Department of Motor Vehicles (DMV), or its equivalent in another state, province, or country; as evidenced on the vehicle registration document carried in the vehicle.
- (A) For vehicles that are owned by the federal government and not registered in any state or local jurisdiction, the owner shall be the department, agency, branch, or other entity of the United States, including the United States Postal Service, to which the vehicles in the fleet are assigned or which have responsibility for maintenance of the vehicles.

- (B) For a vehicle that is rented or leased from a business that is regularly engaged in the trade or business of leasing or renting motor vehicles without drivers, the owner shall be the rental or leasing entity if the rental or lease agreement for the vehicle is for a period of less than one year, otherwise the owner shall be the renter or lessee.
- (8) "Government agency" means any federal, state, or local governmental agency, including, water districts, or any other public entity with taxing authority.
- (9) "Gross annual revenue" means the total revenue, receipts, and sales reported to the Internal Revenue Service for a consecutive 12 month period.
- (10) "Gross vehicle weight rating" or GVWR has the same meaning as defined in California Vehicle Code, section 350, subdivision (a).
- (11) "Motor carrier" is the same as defined in California Vehicle Code section 408.
- (12) "Municipality" means a city, county, city and county, special district, or a public agency of the State of California, and any department, division, public corporation, or public agency of this State.
- (13) "Responsible official" means one of the following:
  - (A) For a corporation: A president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or their delegate, designee, or any other person who performs similar policy or decision-making functions for the corporation;
  - (B) For a partnership or sole proprietorship: A general partner or the proprietor, respectively;
  - (C) For a municipality, state, federal, or other governmental agency: Either a principal executive officer or ranking elected official. For the purposes of this part, 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 the U.S. EPA). For the purposes of the Department of Defense Military Services, a principal executive officer includes a commanding officer of an installation, base, or tenant organization.
- (14) "Subsidiary" means a company controlled by another company.

- (15) “Subcontractor” means an entity who enters into an agreement to perform work on the behalf of a contractor to fulfill the terms of the agreement the contractor has with its customers.
- (16) “Subhauler” means a for-hire motor carrier who enters into an agreement to provide transportation services on the behalf of another for-hire motor carrier to serve its customers.
- (17) “Transportation Network Company” means any entity or person that provides prearranged transportation services for compensation using an online-enabled application or platform (such as smart phone apps) to connect drivers using their personal vehicles with passengers.
- (18) “Vehicle Body Type” means commonly used vehicle body descriptions to be used in responding to questions about the fleet of vehicles including the following: beverage truck, boom/bucket, box reefer, box dry van, bus-school, bus-shuttle, bus-other, car/SUV, car carrier, concrete mixer, concrete pump, crane, drill rig, dump, flatbed or stake bed, garbage packer, garbage roll-off, other, pickup bed, service body, sweeper, tank, tractor day cab, tractor sleeper cab, tow, vacuum, water, van-cargo, van-step, van-passenger, yard goat.
- (19) “Vehicles Awaiting Sale” means vehicles in the possession of dealers, financing companies, or other entities that do not intend to operate the vehicle in California or offer the vehicle for hire for operation in California, and that are operated only to demonstrate functionality to potential buyers or to move short distances while awaiting sale for purposes such as maintenance or storage
- (20) “Weight class bin” means a list of vehicles categorized by GVWR. The weight class bins are one of the following:
- (A) “Light-duty” means a vehicle with a GVWR of 8,500 lbs. or less. Also referred to as Class 1-2a. This includes passenger cars, sport utility vehicles, minivans, and light pickup trucks.
  - (B) “Class 2b-3” means a vehicle with a GVWR from 8,501 lb. to 14,000 lb. The types of vehicle in this category generally includes full-size pickup trucks, smaller utility trucks, cargo vans, and passenger vans.
  - (C) “Class 4-6” means a vehicle with a GVWR from 14,001 lb. to 26,000 lb.
  - (D) “Class 7-8” means a vehicle with a GVWR greater than 26,000 lbs.

(e) General Requirements.

- (1) *Reporting.* All regulated entities must submit information about each subsidiary separately to the Executive Officer by reporting general entity information as specified in section 2012.1, facility information as specified in section 2012.2, and vehicle usage information as specified in section 2012.3, if applicable. Complete information must be reported by April 1, 2021, for their facility operation in 2020 and for any fleet of vehicles as it was comprised as of January 1, 2021, to meet the compliance requirements. Entities may report separately by division, or branch if preferred. To the extent reports submitted to CARB contain confidential data, entities may choose to designate that information as confidential per title 17, sections 91000 to 91022.
- (2) *Method of Reporting.* Reports submitted to comply with sections 2012.1, 2012.2, and 2012.3 must be submitted online through CARB's Advanced Clean Trucks webpage.
- (3) *Record Retention.* The fleet owner or responsible person shall maintain the records of their information required by sections 2012.1, 2012.2, and 2012.3 until December 31, 2024, for the overall fleet. In addition, the fleet owner or responsible person must maintain all individual fleet, vehicle, contract, and facility records used to compile responses to section 2012.1, 2012.2, and 2012.3 and must include the following:
  - (A) Mileage records and dates from records such as maintenance logs, vehicle logs, or odometer readings;
  - (B) Vehicle registration date and jurisdiction for each vehicle in the California fleet; and
  - (C) Contracts with subcontractors, contracts with subhauliers, and contracts for ground transportation needs.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 43013, 43018, 43101 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 39000, 39003, 43000, 43000.5, 43013, 43018, 43101 Health and Safety Code.

**Section 2012.1. General Entity Information Reporting.**

All entities subject to the regulation must report the following general information about their entity and business practices:

- (a) General Information.
  - (1) Entity name;



- (2) Mailing address including street name, city, and ZIP code;
- (3) Designated contact person name;
- (4) Designated contact person's email address;
- (5) Designated contact person's phone number;
- (6) Corporate parent name or governing body (if applicable);
- (7) For government entities, identify the jurisdiction (federal, state, or local);
- (8) If the regulated entity has reported vehicles or company information in CARB's Truck Regulation Upload, Compliance, and Reporting System (TRUCRS), report all account identification numbers, otherwise known as "TRUCRS ID";
- (9) Taxpayer identification number (if applicable);
- (10) Primary six digit North American Industry Classification System (NAICS) code (if applicable);
- (11) For non-government agencies, identify the total annual revenue for the entity in the United States for 2020. Respond by using the following bins in million dollars (<\$10, \$10-\$49, \$50-\$99, \$100-\$499, \$500-\$999, >\$1,000);
- (12) The following operating authority numbers, if applicable: Motor carrier identification number, United States Department of Transportation number, California Carrier Identification number, California Public Utilities Commission transportation charter permit number, International Registration Plan number;
- (13) Identify the number of subcontractors with whom you had a one year or longer contract to perform work in California in 2020 to serve your customers. Respond using the following bins (Does not apply, 1-10 subcontractors, 11-20 subcontractors, 20-50 subcontractors, or more than 50 subcontractors).
- (14) If your entity is a motor carrier and contracts with subhauliers to serve your customers, identify the following for the year 2020:
  - (A) The number of subhauliers you contracted with in California. Respond using the following bins (Does not apply, 1-10 subhauliers, 11-20 subhauliers, 20-50 subhauliers, or more than 50 subhauliers);

- (B) Estimated number of vehicles operated by your subhaulers on your behalf in California. Respond using the following bins (Does not apply, 1-10, 11-20, 20-99, 100-500, >500); and
  - (C) Estimate the number of vehicles operated by subhaulers that operated under your authority in California. Respond using the following bins (Does not apply, 1-10, 11-20, 20-99, 100-500, >500).
- (15) Identify whether your entity has a written sustainability plan to reduce your carbon footprint. Respond with (Yes, No, Does not apply);
  - (16) Identify whether your entity's written sustainability plan includes transportation emissions reduction goals. Respond with (Yes, No, Does not apply);
  - (17) Identify the total number of vehicles your entity owns and operates in California that are domiciled or assigned to a facility you own or operate in California; and
  - (18) Identify the number of vehicles your entity owns and operates in California and are not domiciled nor assigned to any California facility.

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 43013, 43018, 43101 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 39000, 39003, 43000, 43000.5, 43013, 43018, 43101 Health and Safety Code.

## **Section 2012.2. Facility Category Reporting.**

Entities that operate one or more physical addresses in California must report grouped facility information described in section 2012.2(a) and detailed information for a single representative facility for each facility category operated as described in section 2012.2(b).

- (a) *Grouped Facility Information.* Report grouped facility information for any of the facility categories operated. Although a facility may have multiple uses, each physical address should be counted only once and categorized into the facility category that best fits the facility's primary business. Group any facilities that do not fit in any of the facility categories provided and account for them in the "Any Other Facility Type" category as specified in 2012(d)(5). The following information must be reported for all of the facility categories operated.
  - (1) *General facility characteristics.* For each facility group, identify how many facilities that you operate in California that have the following characteristics:
    - (A) Are located in California;

- (B) Have dock-height loading bays;
  - (C) Have cold storage rooms;
  - (D) Have electric vehicle supply equipment or electric vehicle charging stations available for public use;
  - (E) Have electric vehicle supply equipment or electric vehicle charging stations available for employee or private use;
  - (F) Are on properties shared with other tenants;
  - (G) Are owned by your entity or are owned by the corporate parent on your behalf;
  - (H) Have shuttle van or bus service provided by your entity or corporate parent on your behalf to or from the facility;
  - (I) Have light-duty vehicles assigned to or domiciled at the facility; and
  - (J) Have trucks, vans, or buses, excluding light-duty vehicles, assigned to or domiciled at the facility.
- (2) *Ground transportation needs.* Describe how the following types of truck transportation shipping needs specified in sections 2012.2(a)(2)(A) through 2012.2(a)(2)(H) are typically met for each facility type category that applies. Respond by selecting one or more of the following answers (With vehicles owned by the entity, through contracts of one year or longer, both with own vehicles and through one year or longer contracts, or does not apply).
- (A) Items shipped from facility to locations outside of California;
  - (B) Items shipped into the facility from locations outside of California;
  - (C) Items shipped from facility to California port or rail locations;
  - (D) Items shipped into the facility from California port or rail locations;
  - (E) Items shipped into the facility from California warehouse or distribution center locations owned or leased by the entity;
  - (F) Items shipped into the facility from California non-warehouse locations owned or leased by the entity;
  - (G) Items shipped from the facility to residential locations;

- (H) Items shipped from the facility to non-residential locations;
- (3) *Contracting practices.* For all of the facilities in each facility category, describe which of the services listed in 2012.2(a)(3)(A) through 2012.2(a)(3)(I) your company receives that are managed with contracts of one year or more. Select one of the following responses (Managed at the facility, managed centrally and not at the facility, both managed at the facility and centrally managed, or does not apply).
- (A) Linen or uniform delivery to or from the facility;
  - (B) Parcel delivery to or from the facility;
  - (C) Maintenance or repair of the facility;
  - (D) Passenger shuttle service to or from the facility;
  - (E) Armored car services to or from the facility;
  - (F) Non-refrigerated food items delivered to the facility;
  - (G) Refrigerated food items delivered to the facility;
  - (H) Non-food items delivered to the facility; and
  - (I) Waste collection and removal from facility.
- (4) *Grouped Facility Addresses.* List the physical address associated with each facility identified in 2012.2(a), including the street number, street name, city, ZIP code, and the facility category.
- (b) *Representative Facility Questionnaire.* All regulated entities that operate facilities in California must submit the following information about one representative facility within each facility category group listed in section 2012(d)(4) that applies to your entity. A representative facility is one that is common or otherwise typical within a category. For facilities identified in the “Any Other Facility Type” category, use best judgement to pick one representative facility that is a common part of your operation. Do not include facilities that are owned by your entity but are not operated by your entity.
- (1) *General representative facility questions.*
- (A) Contact person name;
  - (B) Contact person email address;

- (C) Contact person telephone number;
  - (D) Location of the representative facility including street name, city, and ZIP code;
  - (E) Total approximate building square footage of the facility. Respond in units of square feet rounded to the nearest two significant figures;
  - (F) Number of dock-height loading bays at this facility;
  - (G) Square footage of cold storage rooms at this facility. Respond in units of square feet rounded to the nearest two significant figures; and
  - (H) A short description of the representative facility and its primary function or purpose.
- (2) *Vehicle Trips*. Estimate the number of vehicle trips excluding light-duty vehicles to the representative facility in a typical week in 2020. Respond by using the following bins (Does not apply, 1-10, 11-20, 20-99, 100-500, >500) for each of the delivery types specified in section 2012.2(b)(2)(A) to 2012.2(b)(2)(J). The responses should be based on requirements specified in pick-up and delivery contracts, or by sampling the count of actual deliveries to or from the representative facility.
- (A) Linen/uniform cleaning service vans or trucks;
  - (B) Parcel delivery vans or trucks;
  - (C) Armored cash transport trucks;
  - (D) Food or beverage delivery (non-refrigerated) - van or straight truck;
  - (E) Food or beverage delivery (refrigerated) – van or straight truck;
  - (F) Non-food delivery - van or straight truck;
  - (G) Food or beverage delivery (non-refrigerated) - tractor trailer;
  - (H) Food or beverage delivery (refrigerated) - tractor trailer;
  - (I) Non-food delivery - tractor trailer; and
  - (J) All other truck or van deliveries or visits.

- (3) *Supplier Counts*: Identify how many different suppliers shipped their items to the representative facility in 2020. Respond by using the following bins (Does not apply, 1-10 suppliers, 11-20 suppliers, or more than 20 suppliers) for the following delivery types:
- (A) Food or beverage delivery;
  - (B) Linen/uniform cleaning service;
  - (C) Goods delivery excluding food or beverage; and
  - (D) All other supplies, tools, equipment (non-goods).

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 43013, 43018, 43101 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 39000, 39003, 43000, 43000.5, 43013, 43018, 43101 Health and Safety Code.

### **Section 2012.3. Vehicle Usage by Facility Reporting.**

Regulated entities that own or operate any vehicles with a GVWR greater than 8,500 lbs. must report general information about the facility where all on-road vehicles are domiciled or assigned as specified in section 2012.3(a), and information about vehicle operating characteristics for vehicles domiciled or assigned to each facility in California as specified in section 2012.3(b). Regulated entities may exclude military tactical support vehicles as described in title 13, CCR, section 1905 and vehicles awaiting sale. Vehicles that accrue a majority of their annual miles in California, but are not assigned to a particular location in California, must be reported as part of the headquarters or another location where the vehicles' operation is managed.

- (a) All regulated entities must report the following information for each facility to which on-road vehicles are domiciled or assigned:
- (1) Facility address including street name, city, and ZIP code;
  - (2) Facility type category as listed in Section 2012(d)(5);
  - (3) Contact person name;
  - (4) Contact person email address;
  - (5) Identify whether the facility is owned or leased by the entity;
  - (6) Identify what type of fueling infrastructure is installed at the facility, by selecting all of the fuel types dispensed at the facility as listed below in section 2012.3(a)(6)(A) to 2012.3(a)(6)(G).

- (A) Diesel;
  - (B) Gasoline;
  - (C) Natural gas;
  - (D) Electricity;
  - (E) Hydrogen;
  - (F) Other fuel; or
  - (G) Not applicable.
- (7) Identify what refueling infrastructure was initially installed less than 10 years ago by the selecting the fuel type dispensed as listed in section 2012.3(a)(6)(A) to 2012.3(a)(6)(G).
- (8) Identify what types of trailers you pull if you have tractors assigned or domiciled at this facility by selecting the following:
- (A) Van-dry;
  - (B) Van-reefer;
  - (C) Tanker;
  - (D) Flatbed;
  - (E) Shipping container;
  - (F) Low bed;
  - (G) Curtain side; or
  - (H) Other.
- (b) For each facility identified, report information specified in section 2012.3(b)(1) to 2012.3(b)(3) for all vehicles assigned to or domiciled at the facility in 2020 and remain in the fleet as of January 1, 2021. Responses may be grouped by vehicle body type as listed in section 2012(d)(18), weight class bin specified in section 2012(d)(20), and fuel type listed in section 2012.3(a)(6)(A) to 2012.3(a)(6)(G). For fleets with seasonal workload fluctuations, use a time period in the busy season when answering questions about typical daily operation. Responses for items in section 2012.3(b)(2) through 2012.2(b)(5) for a vehicle group at one location may be repeated for the same vehicle group at another facility if the

respondent determines the vehicle operation is substantially similar at both locations.

- (1) How many vehicles in each vehicle group
- (2) The percent of the vehicles in each vehicle group have the operations or characteristics listed in sections 2012.3(b)(A) through 2012.3(b)(Q). Respond by rounding to the nearest 10 percent.
  - (A) Operate less than 100 miles per day;
  - (B) Operate 100 to 150 miles per day;
  - (C) Operate 151 to 200 miles per day;
  - (D) Operate 201 to 300 miles per day;
  - (E) Operate more than 300 miles per day;
  - (F) Has a predictable usage pattern;
  - (G) Fuels on-site as the primary means of fueling;
  - (H) Returns to this facility daily;
  - (I) Has onboard GPS or mileage tracking;
  - (J) Stays within 50 miles of this facility on a given day;
  - (K) Tows a trailer more than 100 miles a day;
  - (L) Commonly operates at their weight limit;
  - (M) Is not registered in California;
  - (N) Is regularly parked at the facility more than 8 hours each day;
  - (O) The highest percent of the fleet that was dispatched at the same time on the behalf of a local, state or federal government to support an emergency operation;
  - (P) Is equipped with all-wheel drive; and
  - (Q) Are not being operated or are used as backup vehicles.
- (3) The average annual mileage for a typical vehicle in this vehicle group. Respond by using one of the following that is closest to the average miles



(5,000 or less, 10,000, 20,000, 30,000, 40,000, 50,000, 60,000, 70,000, 80,000, 90,000, 100,000, or more than 100,000).

- (4) For this vehicle group, identify how long you keep vehicles after acquisition. Respond in number of years by using one of the following bins: (Less than 4, 5 to 10, 11-15, 16-20, or more than 20).

NOTE: Authority cited: Sections 38501, 38510, 38560, 38566, 39500, 39600, 39601, 43013, 43018, 43101 Health and Safety Code. Reference: Sections 38501, 38505, 38510, 38560, 39000, 39003, 43000, 43000.5, 43013, 43018, 43101 Health and Safety Code.