

Section 1. The Regulations of Connecticut State Agencies are amended by adding section 22a-174-36d as follows:

(NEW) Sec. 22a-174-36d. Low Emission Vehicle IV Program and Advanced Clean Cars II.

(a) **Definitions and abbreviations.** Provided that any term related to the administration of the Low Emission Vehicles IV program not defined in this subsection shall be as defined or described in Title 13 of the California Code of Regulations and in Sections 22a-174-36b and 22a-174-36c of the Regulations of Connecticut State Agencies, for the purposes of this section:

(1) “Qualifying Community-based Clean Mobility Program” means a program determined by the Commissioner to qualify as a community-based clean mobility program pursuant to guidance issued by the Department. The Commissioner must determine that a program qualifies as a community-based clean mobility program before a manufacturer may earn vehicle value pursuant to the requirements of the California Code of Regulations, Title 13, Section 1962.4.

(2) “Near-zero-emission vehicle” or “NZEV” means: (A) An on-road plug-in hybrid electric vehicle as defined in 40 CFR section 86.1803-01, as amended on July 1, 2011, provided such vehicle achieves the all-electric range as defined in California Code of Regulations, Title 13, Section 1963(c)(1) or (B) An on-road hybrid electric vehicle that has the capability to charge the battery from an off-vehicle conductive or inductive electric source and achieves all-electric range as defined in California Code of Regulations, Title 13, Section 1963(c)(1).

(3) “ZEV credit” or “ZEV value” means a unit, expressed numerically, generated in accordance with California Code of Regulations, Title 13, Sections 1962.2, 1962.4, and 1963.2.

(b) **Applicability.**

This section shall apply to all 2027 and subsequent model year passenger cars, light duty trucks, and medium-duty passenger vehicles sold, leased, offered for sale or lease, imported, delivered, purchased, rented, acquired or received, in the State of Connecticut except that this section shall not apply to those vehicles listed in subsection (d) of this section.

(c) **Prohibitions and compliance requirements.**

(1) Unless subject to an exemption listed in subsection (d) of this section, no person shall sell or register, offer for sale or lease, import, deliver, purchase, rent, lease, acquire or receive a new 2027 or subsequent model year passenger car, light duty truck, or medium-duty passenger vehicle in the State of Connecticut unless such vehicle is certified to California emission standards and meets:

(A) The exhaust emission standards set forth in the California Code of Regulations, Title 13, Sections 1900, 1956.8, 1960.1, 1961, 1961.2 and 1962.2, and 1961.4;

(B) The evaporative emission standards set forth in the California Code of Regulations, Title 13, Section 1976;

(C) The refueling emissions standards set forth in the California Code of Regulations, Title 13, Section 1978;

(D) The malfunction and diagnostic system requirements set forth in the California Code of Regulations, Title 13, Section 1968.1 or 1968.2;

(E) The assembly-line testing procedure requirements set forth in the California Code of Regulations, Title 13, Section 2062;

(F) The specifications for fill pipes and openings of motor vehicle fuel tanks set forth in the California Code of Regulations, Title 13, Section 2235;

(G) The greenhouse gas emission standards set forth in the California Code of Regulations, Title 13, Section 1961.3; and

(H) The emission control label and environmental performance label requirements, including smog and greenhouse gas index scores, set forth in the California Code of Regulations, Title 13, Section 1965 or the Federal Fuel Economy and Emission Label, set forth in 40 CFR parts 85, 86, and 600.

(2) ZEV mandate. All vehicle manufacturers delivering passenger cars and light duty trucks to Connecticut shall meet:

(A) The requirement that beginning with the 2027 model year, each manufacturer's sales fleet of passenger cars and light duty trucks produced and delivered for sale in the State of Connecticut shall contain at least the same percentage of ZEVs subject to the same requirements set forth in the California Code of Regulations, Title 13, Section 1962.4 using Connecticut specific vehicle numbers.

(B) The data standardization requirements of California Code of Regulations, Title 13, Section 1962.5.

(C) The battery labelling requirement of California Code of Regulations, Title 13, Section 1962.6.

(3) All vehicle manufacturers shall comply with the fleet average, warranty, recall and other applicable requirements set forth in subsections (e), (f), (g), (h), (i), (j), and (k) of this section.

(d) **Exemptions.** The following vehicles shall not be subject to this section:

(1) A vehicle transferred by inheritance;

(2) A vehicle transferred by decree of divorce, dissolution or legal separation entered by a court of competent jurisdiction;

(3) A vehicle purchased by a nonresident prior to establishing residency in the State of Connecticut;

- (4) A vehicle sold for the purpose of being wrecked or dismantled;
- (5) A vehicle sold directly from one dealer to another dealer;
- (6) A vehicle sold for registration out of state;
- (7) A vehicle sold or designed exclusively for off-highway use;
- (8) A vehicle that has been certified to standards promulgated pursuant to the authority contained in 42 U.S.C. 7521 and which is in the possession of a rental agency in Connecticut and is next rented with a final destination outside of Connecticut;
- (9) Any authorized emergency vehicle as defined section 14-1 of the Connecticut General Statutes;
- (10) A military tactical vehicle;
- (11) A vehicle exempted by California Health and Safety Code, section 43656; or
- (12) A vehicle acquired by a resident of this state for the purpose of replacing a vehicle registered to such resident that was damaged or became inoperative beyond reasonable repair or was stolen while out of this state, provided that such replacement vehicle is acquired out of state at the time the previously owned vehicle was either damaged or became inoperative or was stolen.

**(e) Emission standards, warranty, recall and miscellaneous provisions.**

Each manufacturer and each new 2027 and subsequent model year passenger car, light-duty truck and medium-duty passenger vehicle shall comply with each applicable standard set forth in Table 36d-1 and incorporated by reference herein:

Table 36d-1 California Code of Regulations (CCR) Title 13 Provisions Incorporated by Reference

Title 13 CCR	Title	Section Amended Date
<b>Chapter 1 Motor Vehicle Pollution Control Devices</b>		
<b>Article 1 General Provisions</b>		
Section 1900	Definitions	11/30/22
<b>Article 2 Approval of Motor Vehicle Pollution Control Devices (New Vehicles)</b>		
Section 1956.8(g) and (h)	Exhaust Emission Standards and Test Procedures - 1985 and Subsequent Model Heavy Duty Engines and Vehicles, 2021 and Subsequent Zero-Emission Powertrains, and 2022 and Subsequent Model Heavy-Duty Hybrid Powertrains.	4/1/22
Section 1960.5	Certification of 1983 and Subsequent Model-Year Federally-Certified Light-Duty	10/16/02

	Motor Vehicles for Sale in California.	
Section 1960.1	Exhaust Emission Standards and Test Procedures - 1981 and through 2006 Model Passenger Cars, Light-Duty and Medium-Duty Vehicles	12/31/12
Section 1961	Exhaust Emission Standards and Test Procedures - 2004 through 2019 Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles	12/31/12
Section 1961.1	Greenhouse Gas Exhaust Emission Standards and Test Procedures - 2009 through 2016 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles.	8/7/12
Section 1961.2	Exhaust Emission Standards and Test Procedures - 2015 through 2025 Model Passenger Cars and Light-Duty Trucks, and 2015 through 2028 Medium-Duty Vehicles	11/30/22
Section 1961.3	Greenhouse Gas Exhaust Emission Standards and Test Procedures - 2017 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles	11/30/22
Section 1961.4	Exhaust Emission Standards and Test Procedures - 2026 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles	11/30/22
Section 1962	Zero Emission Vehicle Standards for 2005 through 2008 Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles	2/13/10
Section 1962.2	Zero Emission Vehicle Standards for 2018 through 2026 Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles	11/30/22
Section 1962.3	Electric Vehicle Charging Requirements	11/30/22
Section 1962.4	Zero-Emission Vehicle Requirements for 2026 and	11/30/22

	Subsequent Model Year Passenger Cars and Light-Duty Trucks	
Section 1962.5	Data Standardization Requirements for 2026 and Subsequent Model Year Light-Duty Zero Emission Vehicles and Plug-in Hybrid Electric Vehicles	11/30/22
Section 1962.6	Battery Labeling Requirements	11/30/22
Section 1962.7	In-Use Compliance, Corrective Action and Recall Protocols for Zero Emission for 2026 and Subsequent Model Year Passenger Cars and Light-Duty Trucks	11/30/22
Section 1962.8	Warranty Requirements for Zero Emission and Batteries in Plug-in Hybrid Electric 2026 and Subsequent Model Year Passenger Cars and Light-Duty Trucks	11/30/22
Section 1964	Special Test Procedures for Certification and Compliance – New Modifier Certified Motor Vehicles	11/30/22
Section 1965	Emission Control and Smog Index Labels - 1979 and Subsequent Model Year Vehicles	8/7/12
Section 1968.1	Malfunction and Diagnostic System Requirements - 1994 and Subsequent Model Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles	11/27/99
Section 1968.2	Malfunction and Diagnostic System Requirements - 2004 and Subsequent Model Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles and Engines	11/30/22
Section 1968.5	Enforcement of Malfunction and Diagnostic System Requirements for 2004 and Subsequent Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines	11/30/22

Section 1971.1	On-Board Diagnostic System Requirements - 2010	11/22/22
Section 1976	Standards and Test Procedures for Motor Vehicle Fuel Evaporative Emissions	11/30/22
Section 1978	Standards and Test Procedures for Vehicle Refueling Emissions	11/30/22
<b>Article 6 Emission Control System Warranty</b>		
Section 2035	Purpose, Applicability and Definitions	4/1/2022
Section 2036	Defects Warranty Requirements for 1979 through 1989 Model Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles; 1979 and Subsequent Model Year Motorcycles and Heavy-Duty Vehicles; and Motor Vehicle Engines Used in Such Vehicles, and 2020 and Subsequent Model Year Trailers	4/1/22
Section 2037	Defects Warranty Requirements for 1990 and Subsequent Model Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles and Motor Vehicle Engines Used in Such Vehicles	11/30/22
Section 2038	Performance Warranty Requirements for 1990 and Subsequent Model Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles and Motor Vehicle Engines Used in Such Vehicles	11/30/22
Section 2039	Emission Control System Warranty Statement.	12/26/90
Section 2040	Vehicle Owner Obligations	12/26/90
Section 2046	Defective Catalyst	1/16/79
<b>Chapter 2 Enforcement of Vehicle Emission Standards and Enforcement Testing.</b>		
<b>Article 1 Assembly Line Testing.</b>		
Section 2062	Assembly-line Test Procedures 1998 and Subsequent Model-years.	8/7/12
<b>Article 2 Enforcement of New and In-use Vehicle Standards</b>		
Section 2101	Compliance Testing and Inspection - New Vehicle Selection, Evaluation and Enforcement Action.	11/27/99
Section 2109	New Vehicle Recall Provisions.	12/30/83
Section 2110	Remedial Action for Assembly-Line Quality Audit Testing of	11/27/99

	Less than a Full Calendar Quarter of Production Prior to the 2001 Model-Year.	
<b>Article 2.1 Procedures for In-Use Vehicle Voluntary and Influenced Recalls.</b>		
Section 2111	Applicability.	4/1/22
Section 2112	Definitions.	11/30/22
	Appendix A to Article 2.1.	11/30/22
Section 2113	Initiation and Approval of Voluntary and Influenced Recalls.	4/1/22
Section 2114	Voluntary and Influenced Recall Plans.	4/1/22
Section 2115	Eligibility for Repair.	4/1/22
Section 2116	Repair Label.	4/1/22
Section 2117	Proof of Correction Certificate.	4/1/22
Section 2118	Notification.	4/1/22
Section 2119	Record keeping and Reporting Requirements.	4/1/22
Section 2120	Other Requirements Not Waived.	1/26/95
<b>Article 2.2 Procedures for In-Use Vehicle Ordered Recalls.</b>		
Section 2122	General Provisions.	12/8/10
Section 2123	Initiation and Notification of Ordered Emission-Related Recalls.	4/1/22
Section 2124	Availability of Public Hearing.	1/26/95
Section 2125	Ordered Recall Plan.	4/1/22
Section 2126	Approval and Implementation of Recall Plan.	4/1/22
Section 2127	Notification of Owners.	4/1/22
Section 2128	Repair Label.	4/1/22
Section 2129	Proof of Correction Certificate.	4/1/22
Section 2130	Capture Rates and Alternative Measures.	4/1/22
Section 2131	Preliminary Tests.	4/1/22
Section 2132	Communication with Repair Personnel.	1/26/95
Section 2133	Record keeping and Reporting Requirements.	4/1/22
Section 2135	Extension of Time.	1/26/95
<b>Article 2.3 In-Use Vehicle Enforcement Test Procedures.</b>		
Section 2136	General Provisions.	12/8/10
Section 2137	Vehicle, Engine, and Trailer Selection.	4/1/22
Section 2138	Restorative Maintenance.	11/27/99
Section 2139	Testing.	11/30/22
Section 2140	Notification of In-Use Results.	11/30/22
<b>Article 2.4 Procedures for Reporting Failure of Emission-Related Components.</b>		
Section 2141	General Provisions.	4/1/22

Section 2142	Alternative Procedures.	4/1/22
Section 2143	Failure Levels Triggering Recall and Corrective Action	4/1/22
Section 2144	Emission Warranty Information Report.	4/1/22
Section 2145	Field Information Report.	4/1/22
Section 2146	Emissions Information Report.	4/1/22
Section 2147	Demonstration of Compliance with Emission Standards.	11/30/22
Section 2148	Evaluation of Need for Recall.	4/1/22
Section 2149	Notification of Subsequent Action.	4/1/22
<b>Chapter 4 Criteria for the Evaluation of Motor Vehicle Pollution Control Devices and Fuel Additives</b>		
<b>Article 2 Aftermarket Parts</b>		
Section 2221	Replacement Parts	11/30/83
Section 2222	Add-On Parts and Modified Parts	10/1/21
Section 2224	Surveillance	10/1/21
<b>Chapter 4.4 Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks.</b>		
Section 2235	Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks Requirements.	10/1/19

**(f) Fleet average requirements.**

(1) Effective for 2027 and subsequent model years, the fleet average NMOG plus NO<sub>x</sub> emission values from passenger cars, light-duty trucks and medium-duty passenger vehicles produced and delivered for sale in the State of Connecticut by a manufacturer for each model year shall not exceed the fleet average numbers set forth in California Code of Regulations, Title 13, Section 1961.4. Effective for 2027 and subsequent model years, manufacturers may earn and bank value in accordance with California Code of Regulations, Title 13, Section 1961.2.

(2) Value and debits may be accrued and utilized based upon each manufacturer's sales of vehicles subject to this part in the State of Connecticut, pursuant to the provisions set forth in the California Code of Regulations, Title 13, Sections 1961.2.

**(g) Fleet average reporting requirements.**

(1) Compliance and fleet average reporting requirements. For the purposes of determining compliance with the requirements set forth in subsection (c)(3) of this section, commencing with the 2027 model year, each manufacturer shall submit annually to the Department, by March 1st of the calendar year succeeding the end of the model year, a report which demonstrates that such manufacturer has met the fleet average emissions requirements for its fleet delivered for sale in Connecticut. Such report shall include the average emissions of its fleet delivered for sale in the State of Connecticut.



(2) Fleet Average Report. For the purposes of determining compliance with the requirements of this section, commencing with the 2027 model year, each manufacturer shall submit annually, to the Department, by March 1st of the calendar year succeeding the end of the model year, a report documenting total deliveries for sale of vehicles in each engine family over that model year in the State of Connecticut.

(3) The manufacturer shall provide to the commissioner upon request a copy of the California Executive Order and Certificate of Conformity relating to certification of new motor vehicles for each engine family to be sold in the State of Connecticut. To the extent such reports are available electronically, the manufacturer shall submit such records in an electronic format acceptable to the commissioner.

(4) For the purposes of determining compliance with this section, the commissioner may require any vehicle manufacturer subject to this section to submit any documentation the commissioner deems necessary to the effective administration and enforcement of this section including, but not limited to, all certification materials submitted to CARB.

(5) A vehicle manufacturer shall upon request provide to the Department any documentation, including but not limited to Vehicle Identification Numbers, production and projected sales data which may be necessary for the effective administration and enforcement of this section.

**(h) Fleet average enforcement.**

If, commencing with the 2027 model year and for each subsequent model year thereafter, the report issued by a manufacturer pursuant to subsection (g)(1) of this section demonstrates noncompliance with the fleet average emission standards incorporated by reference into this section and set forth in Table 36d-1 of this section, during a model year, the manufacturer shall within sixty (60) days file a Fleet Average Enforcement Report with the commissioner documenting such noncompliance. The Fleet Average Enforcement Report shall identify all vehicle models delivered for sale into the State of Connecticut and their corresponding certification standards and the percentage of each model delivered for sale into the State of Connecticut and California in relation to total fleet sales in the respective state.

**(i) Warranty requirements.**

(1) For all 2027 and subsequent model year vehicles subject to the provisions of this section, each manufacturer shall provide a warranty to the ultimate purchaser and each subsequent purchaser that complies with the requirements set forth in California Code of Regulations, Title 13, Sections 1962.4, 2035 through 2038, 2040 and 2046.

(2) For all 2027 and subsequent model year vehicles subject to the provisions of this section, each manufacturer shall include the emission control system warranty statement that complies with the requirements set forth in California Code of Regulations, Title 13, Section 2039 modified, as may be necessary, to inform Connecticut vehicle owners of the applicability of the California warranty. The manufacturer shall also provide a telephone number on such statement appropriate for the State of Connecticut.

**(j) Recalls.**

(1) For all 2027 and subsequent model year vehicles subject to the provisions of this section, each manufacturer shall undertake an action equivalent to that required by any order or enforcement action taken by CARB, or any voluntary or influenced emission-related recall initiated by any manufacturer pursuant to or required by California Code of Regulations, Title 13, Sections 2101 through 2120, 2122 through 2133, and 2135 through 2149, unless within thirty (30) days of CARB approval of such recall, the manufacturer demonstrates to the commissioner that such recall is not applicable to vehicles registered in the State of Connecticut.

(2) For vehicles subject to an action pursuant to subdivision (1) of this subsection, each manufacturer shall notify owners of vehicles registered in the State of Connecticut in accordance with the requirements set forth in California Code of Regulations, Title 13, Section 2118 or 2127, provided that such notification shall contain a telephone number appropriate for use by vehicle owners or operators in the State of Connecticut.

**(k) ZEV requirements and reporting.**

(1) Each manufacturer subject to the zero emission vehicle provisions requirements of this section shall demonstrate compliance with such provisions as required by, and in accordance with, Code of California Regulations, Title 13, Section 1962.4.

(2) Projected Sales Report. By April 1st of each year commencing in 2027, the projected sales reporting requirements of California Code of Regulations Title 13, Section 1962.4(j)(1).

(3) ZEV Requirement Performance Report. By May 1st of each year commencing in 2027, the model year performance report of California Code of Regulations Title 13, Section 1962.4(j)(2).

(4) ZEV Compliance Report. Each manufacturer shall submit a ZEV compliance report to the Department along with annual sales reports no later than September 1st following the completed model year. The compliance report shall include vehicle sales organized by engine family and identify the number and type of Connecticut value earned. Such report may be amended based on late sales.

(5) Early Compliance Report. Each manufacturer shall submit an early compliance report to the Department prior to the first year for which the requirements of subsection (c)(2) of this section apply. The report shall include early compliance credits generated for all past years for which early compliance credits could be earned under the regulation.

(6) A vehicle manufacturer shall upon request provide to the Department any documentation, including but not limited to Vehicle Identification Numbers, production and projected sales data which may be necessary for the effective administration and enforcement of this section.

**(l) Greenhouse gas emission standards and related requirements.**

(1) Each manufacturer subject to the greenhouse gas provisions of this section shall demonstrate compliance with such provisions as required by, and in accordance with, California Code of Regulations, Title 13, Section 1961.3.

(2) For all 2027 and subsequent model year vehicles, manufacturers may demonstrate compliance based on the total number of passenger cars, light-duty trucks, and medium-duty passenger vehicles certified to the California exhaust emission standards in California Code of Regulations, Title 13, section 1961.3, which are produced and delivered for sale in Connecticut, California, and all other states that have adopted California's greenhouse gas emission standards pursuant to section 177 of the Clean Air Act. A manufacturer that fails to comply under the provisions of this subdivision shall be subject to applicable penalties and shall be required to comply with the greenhouse gas standards pursuant to subdivision (1) of this subsection.

(3) Greenhouse gas reporting requirements. For the purpose of determining compliance with the greenhouse gas requirements of this section, each manufacturer shall report the average greenhouse gas emissions of its fleet delivered for sale in the State of Connecticut, using the same format used to report such information to CARB. If the voluntary compliance option described in subdivision (2) of this subsection is used, a manufacturer shall report separate data for the multi-state pool and the Connecticut portion of such pool. Such report shall be filed with the commissioner by May 1st of the calendar year succeeding the end of the model year.

**(m) Incorporation by reference. Availability and interpretation of referenced material.**

(1) In accordance with the provisions of section 22a-174g of the Connecticut General Statutes, this section incorporates by reference certain sections of Title 13, California Code of Regulations, relating to the implementation and the administration of the Low Emission Vehicle IV program in the State of Connecticut. Table 36d-1 lists the sections of Title 13, California Code of Regulations, incorporated by reference and the respective amended date for each section.

(2) Copies of the relevant sections of Title 13, California Code of Regulations, incorporated by reference in this section are available by contacting:

Connecticut Department of Energy and Environmental Protection

Bureau of Air Management

Planning & Standards Division

79 Elm Street

Hartford, Connecticut 06106

(860) 424-3027

(3) For purposes of applying the incorporated sections of the California Code of Regulations, unless clearly inappropriate, “California” shall mean “Connecticut.”

**(n) Severability.**

Each provision of this section is deemed severable, and in the event that any provision of this section is held to be invalid, the remainder of this section shall continue in full force and effect.

### **Statement of Purpose**

This proposal adopts the California Air Resources Board (CARB) Advance Clean Cars II and Low Emission Vehicle IV regulations. These regulations adopt emissions standards and Zero Emission Vehicle requirements for new light and medium-duty passenger vehicles for 2027 and subsequent model year vehicles. The provisions include emission standards, warranty, recall, and reporting provisions. The Department of Energy and Environmental Protection is required remain consistent with California light-duty vehicle standards pursuant to 22a-174g of the Connecticut General Statutes and section 177 of the federal Clean Air Act. Adopting these new standards will reduce emissions from covered vehicles, the largest contributor to emissions of greenhouse gases and nitrogen oxides (NOx), a precursor to ground level ozone, and move Connecticut closer towards meeting state climate change goals set forth in section 22a-200a of the general statutes.