

1.1 **Minnesota Pollution Control Agency**

1.2 **Proposed Permanent Rules Relating to Clean Cars**

1.3 **7023.0150 SCOPE AND INCORPORATION BY REFERENCE.**

1.4 Subpart 1. **Scope.** To reduce air pollution from vehicles in the state, parts 7023.0150
1.5 to 7023.0300 establish standards for low-emission vehicles and zero-emission vehicles.

1.6 Subp. 2. **Incorporation by reference.** California Code of Regulations, title 13, sections
1.7 1900, 1956.8(h) (medium-duty vehicle greenhouse gas emission standards only), 1961.2,
1.8 1961.3, 1962.2, 1962.3, 1965, 1968.2, 1976, 1978, 2035, 2037 to 2041, 2046, 2062, 2109,
1.9 2111 to 2121, 2122 to 2135, 2139, and 2141 to 2149, as amended, are incorporated by
1.10 reference. The regulations are not subject to frequent change and are available online at
1.11 <https://oal.ca.gov/publications/ccr/>.

1.12 Subp. 3. **Term substitutions.** In applying the incorporated sections of the California
1.13 Code of Regulations, unless the context requires otherwise:

1.14 A. "California" means "Minnesota";

1.15 B. "CARB," "ARB," or "Air Resources Board" means the agency; and

1.16 C. "Executive Officer" means the commissioner.

1.17 Subp. 4. **Effective date.** Parts 7023.0150 to 7023.0300, except part 7023.0300, subpart
1.18 4, are effective on the date given in a commissioner's notice published in the State Register
1.19 after the standards incorporated by reference in subpart 2 are granted a waiver by the U.S.
1.20 Environmental Protection Agency under United States Code, title 42, section 7543. The
1.21 commissioner's notice must also designate the first effective model year in accordance with
1.22 United States Code, title 42, section 7507.

2.1 **7023.0200 DEFINITIONS.**

2.2 Subpart 1. **Applicability.** For parts 7023.0150 to 7023.0300, the terms in this part
2.3 have the meanings given. The definitions in parts 7000.0100 and 7005.0100 and California
2.4 Code of Regulations, title 13, section 1900, apply to parts 7023.0150 to 7023.0300 unless
2.5 the terms are otherwise defined in this part.

2.6 Subp. 2. **Authorized emergency vehicle.** "Authorized emergency vehicle" has the
2.7 meaning given in Minnesota Statutes, section 169.011.

2.8 Subp. 3. **CARB.** "CARB" means the California State Air Resources Board as defined
2.9 in California Health and Safety Code, division 26, part 1, chapter 1, section 39003.

2.10 Subp. 4. **First effective model year.** "First effective model year" means the first model
2.11 year for which the standards adopted in parts 7023.0150 to 7023.0300 are effective according
2.12 to the commissioner's notice under part 7023.0150, subpart 4.

2.13 Subp. 5. **Light-duty truck.** "Light-duty truck" has the meaning given under California
2.14 Code of Regulations, title 13, section 1900(b)(11).

2.15 Subp. 6. **Medium-duty passenger vehicle.** "Medium-duty passenger vehicle" has
2.16 the meaning given under California Code of Regulations, title 13, section 1900(b)(12).

2.17 Subp. 7. **Medium-duty vehicle.** "Medium-duty vehicle" has the meaning given under
2.18 California Code of Regulations, title 13, section 1900(b)(13).

2.19 Subp. 8. **Military tactical vehicle.** "Military tactical vehicle" means a land combat
2.20 or transportation vehicle, excluding a rail-based vehicle, that is designed for and used by a
2.21 branch of the United States armed forces or used as an authorized emergency vehicle by or
2.22 for a governmental agency.

2.23 Subp. 9. **Model year.** "Model year" means the manufacturer's annual production
2.24 period that includes January 1 of a calendar year or, if the manufacturer has no annual

3.1 production period, the calendar year. The model year for a motor vehicle manufactured in
3.2 two or more stages is the model year in which the chassis is completed.

3.3 Subp. 10. **Motor vehicle manufacturer.** "Motor vehicle manufacturer" means a small,
3.4 independent low, intermediate, or large volume manufacturer as defined under California
3.5 Code of Regulations, title 13, section 1900(b)(8), (9), (10), and (22).

3.6 Subp. 11. **New motor vehicle.** "New motor vehicle" means a first effective model
3.7 year or later model year motor vehicle with less than 7,500 miles of use accumulated as of
3.8 the date of sale or lease.

3.9 Subp. 12. **Passenger car.** "Passenger car" has the meaning given under California
3.10 Code of Regulations, title 13, section 1900(b)(17).

3.11 Subp. 13. **Transitional zero-emission vehicle or TZEV.** "Transitional zero-emission
3.12 vehicle" or "TZEV" has the meaning given under California Code of Regulations, title 13,
3.13 section 1962.2(c).

3.14 Subp. 14. **Used motor vehicle.** "Used motor vehicle" means a first effective model
3.15 year or later model year motor vehicle with 7,500 miles or more of use accumulated as of
3.16 the date of sale or lease.

3.17 Subp. 15. **Zero-emission vehicle or ZEV.** "Zero-emission vehicle" or "ZEV" has the
3.18 meaning given under California Code of Regulations, title 13, section 1962.2(a).

3.19 **7023.0250 LOW-EMISSION VEHICLE STANDARDS.**

3.20 Subpart 1. **Requirement.** Beginning with the first effective model year, all of the
3.21 following that are produced by a motor vehicle manufacturer and delivered for sale or lease
3.22 in the state must be certified to the standards incorporated by reference under part 7023.0150,
3.23 subpart 2, except as provided under subpart 2:

4.1 A. new motor vehicles that are passenger cars, light-duty trucks, medium-duty
4.2 passenger vehicles, and medium-duty vehicles;

4.3 B. new light- or medium-duty motor vehicle engines; and

4.4 C. motor vehicles with a new motor vehicle engine.

4.5 Subp. 2. **Exceptions.** This part does not apply to:

4.6 A. a used motor vehicle;

4.7 B. a new motor vehicle sold to another dealer;

4.8 C. a new motor vehicle sold to be wrecked or dismantled;

4.9 D. a new motor vehicle sold exclusively for off-highway use;

4.10 E. a new motor vehicle sold for registration out-of-state;

4.11 F. a new motor vehicle that has been certified to standards adopted under authority
4.12 granted in United States Code, title 42, section 7521, and that is in the possession of a rental
4.13 agency in the state and that is next rented with a final destination outside of the state;

4.14 G. an authorized emergency vehicle;

4.15 H. a military tactical vehicle;

4.16 I. a new motor vehicle transferred by inheritance;

4.17 J. a new motor vehicle transferred by court decree;

4.18 K. a new motor vehicle acquired by a state resident to replace a motor vehicle
4.19 that was registered to the resident and that, while out of state, was damaged, became
4.20 inoperative beyond reasonable repair, or was stolen if the replacement motor vehicle is
4.21 acquired out of state at the time the previously owned vehicle was damaged, became
4.22 inoperative, or was stolen; or

5.1 L. a new motor vehicle purchased and registered in another state by a person who
5.2 is a resident of that state and who subsequently establishes residency in Minnesota. Upon
5.3 registering the new motor vehicle in Minnesota, the person must provide evidence to the
5.4 commissioner of the previous residence and registration.

5.5 Subp. 3. **Fleet average emissions.**

5.6 A. For first effective model year motor vehicles and all subsequent model year
5.7 motor vehicles to which this part applies, a motor vehicle manufacturer must not exceed
5.8 the fleet average non-methane organic gas plus oxides of nitrogen emission values under
5.9 California Code of Regulations, title 13, section 1961.2. Credits and debits may be accrued
5.10 and used based on a manufacturer's sales in the state of motor vehicles subject to this part
5.11 according to California Code of Regulations, title 13, section 1961.2(c).

5.12 B. For first effective model year motor vehicles and all subsequent model year
5.13 motor vehicles to which this part applies, a motor vehicle manufacturer must not exceed
5.14 the fleet average greenhouse gas exhaust emission values under California Code of
5.15 Regulations, title 13, section 1961.3. For first effective model year motor vehicles and all
5.16 subsequent model year motor vehicles, manufacturers of medium-duty vehicles produced
5.17 by a motor vehicle manufacturer and delivered for sale or lease in the state must not exceed
5.18 the greenhouse gas emission standards under California Code of Regulations, title 13, section
5.19 1956.8(h)(6). Credits and debits may be accrued and used based on a manufacturer's sales
5.20 in the state of motor vehicles subject to this part according to California Code of Regulations,
5.21 title 13, section 1961.3.

5.22 Subp. 4. **Environmental performance labels.** Beginning with the first effective
5.23 model year and all subsequent model years, all new motor vehicles subject to this part
5.24 produced by a motor vehicle manufacturer and delivered for sale or lease in the state must
5.25 be affixed with emission control labels and environmental performance labels according to
5.26 California Code of Regulations, title 13, section 1965.

6.1 Subp. 5. **Warranty requirements.** For all motor vehicles subject to this part, the
6.2 motor vehicle manufacturer must provide defect warranty coverage that complies with
6.3 California Code of Regulations, title 13, sections 2035, 2037 to 2041, and 2046.

6.4 Subp. 6. **Recall requirements.** For all motor vehicles subject to this part and subject
6.5 to recall in California, the motor vehicle manufacturer must undertake a recall campaign in
6.6 this state according to California Code of Regulations, title 13, sections 2111 to 2121 and
6.7 2122 to 2135, unless the manufacturer demonstrates to the commissioner that the recall is
6.8 not applicable to motor vehicles registered in Minnesota.

6.9 Subp. 7. **Reporting requirements.**

6.10 A. By May 1 of the calendar year after the end of the model year, a motor vehicle
6.11 manufacturer must annually submit to the commissioner a report demonstrating that the
6.12 motor vehicle manufacturer has met the requirements of subpart 3, item A, for its fleet
6.13 delivered for sale in the state.

6.14 B. By May 1 of the calendar year after the end of the model year, a motor vehicle
6.15 manufacturer must annually submit to the commissioner a report demonstrating that the
6.16 motor vehicle manufacturer has met the requirements of subpart 3, item B, for its fleet
6.17 delivered for sale in the state.

6.18 C. If requested by the commissioner, a motor vehicle manufacturer must provide
6.19 reports in the same format as provided to CARB on all assembly-line emission testing and
6.20 functional test results collected as a result of compliance with this part, warranty claim
6.21 reports, recall reports, and any other reports required by CARB under the regulations
6.22 incorporated by reference under part 7023.0150. The reports must be supplemented with
6.23 data on motor vehicles delivered for sale or registered in Minnesota.

7.1 D. If the commissioner deems it necessary to administer and enforce this part, the
7.2 commissioner must require a motor vehicle manufacturer subject to this part to submit
7.3 additional documentation, including all certification materials submitted to CARB.

7.4 Subp. 8. **Record availability and retention; reporting noncompliance.**

7.5 A. Upon oral or written request of the commissioner, a person subject to this part
7.6 must furnish to the commissioner or allow the commissioner to access and copy all records
7.7 that relate to the motor vehicles that are subject to this part and that are relevant for
7.8 determining compliance with this part. Unless otherwise specified, a person subject to this
7.9 part must retain all relevant records for at least five years after creating the records.

7.10 B. If a report issued by a motor vehicle manufacturer under subpart 7 demonstrates
7.11 noncompliance with the fleet average under subpart 3 for a model year, the manufacturer
7.12 must, within 60 days, file a report with the commissioner to document the noncompliance.
7.13 The report must identify all motor vehicle models delivered for sale or lease in the state,
7.14 the models' corresponding certification standards, and the percentage of each model delivered
7.15 for sale in this state and California in relation to total fleet sales in the respective state.

7.16 **7023.0300 ZERO-EMISSION VEHICLE STANDARDS.**

7.17 Subpart 1. **Requirement.** Beginning with the first effective model year, a motor
7.18 vehicle manufacturer's sales fleet of passenger cars and light-duty trucks produced by motor
7.19 vehicle manufacturers and delivered for sale or lease in the state must contain at least the
7.20 same applicable percentage of ZEVs required under California Code of Regulations, title
7.21 13, section 1962.2.

7.22 Subp. 2. **Credit bank; reporting requirements; record availability and retention.**

7.23 A. Beginning in the first effective model year, a motor vehicle manufacturer
7.24 subject to this part must open an account in the California ZEV credit system for banking
7.25 credits earned in Minnesota. The account must be opened no later than March 1 of the

8.1 calendar year after the end of the first effective model year. A motor vehicle manufacturer
8.2 must notify the commissioner within 30 days of opening an account in the California ZEV
8.3 credit system for the manufacturer's Minnesota ZEV credits.

8.4 B. At least annually by May 1 of the calendar year after the close of a model year,
8.5 a motor vehicle manufacturer must submit a report to the commissioner that identifies the
8.6 necessary delivery and placement data of all motor vehicles generating ZEV credits and all
8.7 transfers and acquisitions of ZEV credits, according to California Code of Regulations, title
8.8 13, section 1962.2. The report may be amended based on late sales.

8.9 C. Upon oral or written request of the commissioner, a person subject to this part
8.10 must furnish to the commissioner or allow the commissioner to access and copy all records
8.11 that relate to the motor vehicles that are subject to this part and that are relevant for
8.12 determining compliance with this part. Unless otherwise specified, a person subject to this
8.13 part must retain all relevant records for at least five years after creating the records.

8.14 Subp. 3. **Requirement to make up ZEV deficit.** A motor vehicle manufacturer that
8.15 delivers for sale in the state fewer ZEVs or TZEVs than required to meet its ZEV credit
8.16 obligation in a given model year must make up the deficit by submitting a commensurate
8.17 amount of ZEV credits to the commissioner according to California Code of Regulations,
8.18 title 13, section 1962.2(g)(7). The number of motor vehicles not meeting the ZEV credit
8.19 obligation must be equal to the manufacturer's credit deficit, rounded to the nearest 1/100th
8.20 and calculated according to the equation in California Code of Regulations, title 13, section
8.21 1962.2(g)(8).

8.22 Subp. 4. **Early-action credits.**

8.23 A. Beginning with model year 2022 and ending at the beginning of the first
8.24 effective model year, a motor vehicle manufacturer may earn early-action ZEV credits for
8.25 delivering ZEVs for sale in the state. A motor vehicle manufacturer choosing to earn
8.26 early-action ZEV credits under this subpart must notify the commissioner to open an account

9.1 to track early-action ZEV credits in Minnesota no later than March 1 of the calendar year
9.2 after the close of the first model year for which the manufacturer intends to accrue
9.3 early-action credits.

9.4 B. New motor vehicles delivered for sale in the state under this subpart earn
9.5 early-action ZEV credits with the same values established in California Code of Regulations,
9.6 title 13, section 1962.2.

9.7 C. A motor vehicle manufacturer that notifies the commissioner under item A
9.8 must submit a report to the commissioner at least annually by May 1 of the calendar year
9.9 after the close of the model year that identifies the necessary delivery and placement data
9.10 of all motor vehicles generating early-action ZEV credits under this subpart, according to
9.11 California Code of Regulations, title 13, section 1962.2. The report may be amended based
9.12 on late sales.

9.13 D. After the reporting deadline under item C during the first effective model year
9.14 and after receiving notice from a motor vehicle manufacturer under subpart 2, item A, the
9.15 commissioner must load the ZEV credits earned by the motor vehicle manufacturer under
9.16 this subpart into the manufacturer's California ZEV credit system account.

9.17 E. This subpart is effective beginning with a motor vehicle manufacturer's model
9.18 year 2022.

9.19 Subp. 5. **Onetime credit allotment.**

9.20 A. For the first effective model year, the commissioner must deposit into each
9.21 motor vehicle manufacturer's account a credit allotment equivalent to the first effective
9.22 model year's ZEV credit requirement for that motor vehicle manufacturer.

9.23 B. The credit amount under item A must be calculated for the first effective model
9.24 year according to California Code of Regulations, title 13, section 1962.2(b)(1)(A) and (B).

- 10.1 C. The commissioner must deposit the onetime credit allotment at the same time
10.2 that the commissioner loads the ZEV credits earned by the motor vehicle manufacturer
10.3 under subpart 4, item D, into the manufacturer's California ZEV credit system account.

Office of the Revisor of Statutes

Administrative Rules



TITLE: Proposed Permanent Rules Relating to Clean Cars

AGENCY: Minnesota Pollution Control Agency

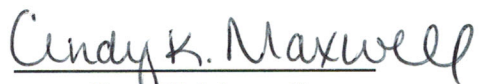
REVISOR ID: R-4626

MINNESOTA RULES: Chapter 7023

INCORPORATIONS BY REFERENCE:

Part 7023.0150, subpart 2: California Code of Regulations, title 13, sections 1900, 1956.8(h) (medium-duty vehicle greenhouse gas emission standards only), 1961.2, 1961.3, 1962.2, 1962.3, 1965, 1968.2, 1976, 1978, 2035, 2037 to 2041, 2046, 2062, 2109, 2111 to 2121, 2122 to 2135, 2139, and 2141 to 2149, as amended, available online at <https://oal.ca.gov/publications/ccr/>.

The attached rules are approved for
publication in the State Register


Cindy K. Maxwell
Assistant Deputy Revisor