

1962.6 Battery Labeling Requirements.

- (a) **Applicability.** The following battery label requirements apply to 2026 and subsequent model year zero emission vehicles, plug-in hybrid electric vehicles, hybrid electric vehicles, and any other vehicles containing a traction battery, certified to 1962.4 or 1961.4, title 13, California Code of Regulations (CCR), and associated test procedures.
- (b) **Battery label requirement.** All vehicles equipped with a battery, or a replacement battery, as defined in 1962.4, title 13, CCR and associated test procedures, shall be equipped with a permanent label in accordance with the requirements of this section.
- (1) **Required Label Information.** The label shall contain the following information:
- (A) Company name of the vehicle and battery manufacturer
 - (B) Date of manufacture
 - (C) Identification of cathode chemistry, represented by a standard abbreviation:
 - (i) NiMH – Nickel metal hydride batteries
 - (ii) NMC - Lithium nickel cobalt manganese
 - (iii) LFP – Lithium iron phosphate
 - (iv) NCA – Lithium nickel cobalt aluminum
 - (v) LMO – Lithium manganese oxide
 - (vi) LCO – Lithium cobalt oxide
 - (vii) Other cathode chemistries not included in subsection (i)-(vi) will follow similar abbreviation convention
 - (D) Rated system voltage and cell voltage, measured as open circuit voltage or based on existing life cycle testing standard (SAE J2288_202011)
 - (E) Count of individual cells in the labeled unit
 - (F) Rated capacity of the unit measured under existing life cycle testing standard (SAE J2288_202011), equivalent to Dynamic Capacity Test as defined in SAE J1798.
 - (G) A digital identifier, linked to a data repository website as specified in section (c), which also includes, at a minimum, the required label information identified in sections (b)(1)(A) through (b)(1)(F).
- (2) **Label Location.** The label shall be attached to the exterior of the battery such that it is visible and accessible when the battery is removed from the vehicle in accordance with the manufacturer's recommended procedures for removal. For batteries that are designed such that portions of the battery pack are separately serviceable or removable, a label shall be attached to each of the minimum serviceable units (e.g., on each module for a pack with separately replaceable modules).
- (3) **Label Format.**

- (A) The required information on the label shall be in the English language using block letters and numerals of a color that contrasts with the background of the label.
 - (B) The digital identifier on the label shall meet the MicroQR code requirements of ISO 18004:2015, "Information technology — Automatic identification and data capture techniques — QR Code bar code symbology specification", adopted February 2015, incorporated by reference.
- (c) Data Repository Website Requirements. Vehicle manufacturers or their designees shall establish and maintain an Internet website(s) that makes available, free and unrestricted via the Internet and the digital identifier required under section (b)(1)(G), information related to the vehicle's traction battery in accordance with this section.
- (1) Website information requirements. The website shall contain the following information related to the vehicle's traction battery:
 - (A) All information required to be printed on the physical label under section (b)(1)
 - (B) manufacturer of the battery system,
 - (C) disclosure of hazardous materials or heavy metals,
 - (D) product safety information or recall information, as applicable, and
 - (E) safe disposal information.
 - (2) Website maintenance. The data repository website required by this section shall: *[forthcoming language is intended to describe requirements to make information available via the internet, in a readable, and accessible format, with minimal downtime]*
 - (3) Information Availability Requirements. All information required by this section must be maintained on the website required by this section for a minimum of twenty years after the introduction into commerce of the vehicle containing the traction battery. After such time, the information may be retained in an off-line electronic format and made available upon request. Vehicle manufacturers shall index their available archived information with a title that adequately describes the contents of the document to which it refers.
- (d) Enforcement of Label and Data Repository Website.
- (1) Certification. Samples of actual production labels used shall be submitted to the Executive Officer at time of certification. The Executive Officer shall approve the label upon determining it meets the requirements of section (b). If the Executive Officer finds that the format or location does not comply with these specifications, the Executive Officer may require that the label or its location be modified accordingly. Upon request, the Executive Officer may approve an alternate label

location adjacent to the battery if application of the label to the battery will render the label illegible.

- (2) Data Repository Website Audit. The Executive Officer may audit a vehicle manufacturer's data repository website to verify it meets the requirements of section (c).
- (3) If the Executive Officer finds any manufacturer using labels which are different from those approved or which do not substantially comply with the readability or durability requirements set forth in these labeling requirements, the Executive Officer may require corrective action or recall of vehicles under section 2109, title 13, CCR.
- (4) If the Executive Officer finds that the vehicle manufacturer is not in compliance with any requirements of this regulation, the Executive Officer shall issue a determination in the form of a notice to comply to the vehicle manufacturer. Within 30 days from the date of issuance of a notice to comply, the vehicle manufacturer shall remedy the noncompliance in accordance with the audit findings.

Note: Authority cited: Sections 38510, 38560, 39039, 39600, 39601, 39602.5, 43006, 43013, 43018, 43018.5, 43104, 43105, 43105.5, 43200 and 43200.1, Health and Safety Code. Reference: Sections 38501, 38505, 38510, 39002, 39003, 39018, 39039, 43000, 43013, 43018.5, 43100, 43101, 43102, 43104, 43107, 43200 and 43200.1, Health and Safety Code.