

**INITIAL EXPRESS TERMS-DRAFT
FOR PROPOSED BUILDING STANDARDS
OF THE CALIFORNIA BUILDING STANDARDS COMMISSION
REGARDING THE 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE,
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11
(BSC XX /24)**

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout and ellipsis.

LEGEND for EXPRESS TERMS (California only codes - Parts 1, 6, 8, 11, 12)

- Existing California amendments appear upright
- Amended or new California amendments appear underlined
- Repealed California language appears ~~upright and in strikeout~~
- Ellipses (...) indicate existing text remains unchanged

INITIAL EXPRESS TERMS

ITEM XX

**Chapter 5, NONRESIDENTIAL MANDATORY MEASURES, Division 5.5,
ENVIRONMENTAL QUALITY, Section 5.506, INDOOR AIR QUALITY**

5.506.4 Carbon dioxide (CO₂) monitoring in classrooms. (BSC-CG) Newly constructed projects and qualifying additions and alterations (per scope in Section 301.3.1) for University of California, California State University, and private school classrooms, as listed in Table 120.1-A (Classrooms and Lecture/Post secondary classrooms) of the *California Energy Code*, shall be equipped with a carbon dioxide monitor or sensor that meets the following requirements:

1. The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between three and six feet above the floor and at least five feet away from doors and operable windows.
2. When the monitor or sensor is not integral to an Energy Management Control System (EMCS) the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS the carbon dioxide readings shall be available to and regularly monitored by facility personnel.
3. A monitor shall provide notification through a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100 ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceeded 1,100 ppm.

4. The monitor or sensor shall measure carbon dioxide levels at minimum 15-minute intervals and shall maintain a record of previous carbon dioxide measurements of not less than 30 days duration.
5. The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400 ppm to 2,000 ppm or greater.
6. The monitor or sensor shall be certified by the manufacturer to be accurate within 75 ppm at 1,000 ppm carbon dioxide concentration shall be certified by the manufacturer to require calibration no more frequently than once every five years.

Notation: BSC-CG

Authority: HSC 18930.5

Reference(s): HSC 18930.5, HSC 17661(d) & (e)

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