



Machado

1 800 358-3828

Title 8, California Code of Regulations, CAL/OSHA Standards **The Law Concerning HVAC System** **Operation, Inspections and Maintenance**

As an information service, here is Title 8, California Code of Regulations, section 5142. You can find this on the Internet at www.dir.ca.gov/title8/5142.html

TITLE 8, Sub Chapter 7.

§5142 Mechanically Driven Heating, Ventilating and Air Conditioning (HVAC) Systems to Provide Minimum Building Ventilation.

(a) Operation:

- (1) The HVAC system shall be maintained and operated to provide at least the quantity of outdoor air required by the State Building Standards Code, Title 24, Part 2, California Administrative Code, in effect at the time the building permit was issued.
- (2) The HVAC system shall be operated continuously during working hours except:
 - (A) during scheduled maintenance and emergency repairs;
 - (B) during periods not exceeding a total of 90 hours per calendar year when a servicing electric utility by contractual arrangement requests its customers to decrease electrical power demand, or;
 - (C) during periods for which the employer can demonstrate that the quantity of outdoor air supplied by non-mechanical means meets the outdoor air supply rate required by (a) (1) of this Section. The employer must have available a record of calculations and/or measurements substantiating that the required outdoor air supply rate is satisfied by infiltration and/or by a non-mechanical-driven outdoor air supply system.

(b) Inspection and Maintenance:

- (1) The HVAC system shall be inspected at least annually, and problems found during these inspections shall be corrected within a reasonable time.
- (2) Inspections and maintenance of the HVAC system shall be documented in writing. The employer shall record the name of the individual(s) inspecting and/or maintaining the system, the date of the inspection and/or maintenance, and the specific findings and actions taken. The employer shall ensure that such records are retained for at least five years.
- (3) The employer shall make all records required by this section available for examination and copying, within 48 hours of a request, to any authorized representative of the Division* (as defined in Section 3207), to any employee of the employer affected by this section, and to any designated representative of said employee of the employer affected by this section.

Here at Machado Environmental, we are able to provide you with an inspection service that enables you to easily comply with the annual inspection and maintenance portions of this law [§5142, paragraphs (b)(1) and (b)(2)]. For more information, please give us a call.

* Division - The California Division of Occupational Safety and Health