



SUBJECT

Essential Electrical Power for Heating

CAN: 4-316.0

Effective: 6/19/2008

Revised: 6/29/2011



CODE SECTION

Section 316.0
2010 California Mechanical Code (CMC)

2010 California Mechanical Code

CHAPTER 3 GENERAL REQUIREMENTS

Section 316.0 Essential Mechanical Provisions. During periods of power outages essential electrical power shall be provided for the following equipment:

- 316.1 (Does not apply to OSHPD 3 surgical clinics) All heating equipment necessary to maintain a minimum temperature of 60°F. (15.6°C.) in patient areas which are not specified in Table 315.
- 316.2 All heating equipment necessary to maintain the minimum temperatures for sensitive areas as specified in Table 315.
- 316.3 Equipment necessary for humidification of the areas listed in Table 315.
- 316.4 All supply, return and exhaust fans required to maintain the positive and negative air balances as required in Table 4-A.
- 316.5 All control components and control systems necessary for the normal operation of the equipment required to have essential electrical power.
- 316.6 Alarms for airborne infection isolation rooms and protective environment rooms.

INTERPRETATION

The purpose of Section 316.0, 2010 CMC is to ensure **essential electrical power** to the equipment noted. Section 316.0 is not to be construed as requiring:

1. Dual fuel heating equipment (i.e., secondary fuel for gas fired boilers).

CODE APPLICATION NOTICE (CAN)

2. Electrical heating equipment in addition to gas fired heating equipment (i.e., electric duct heaters in addition to gas fired rooftop units).

REASON

It is not the policy of FDD plan review to dictate design but rather to obtain compliance with code. Until the code is amended to require alternative fuel sources when utilizing natural gas, no such requirement shall be imposed on designs submitted to the Office.

Original Signed	6/29/2011
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