CODE APPLICATION NOTICE

FILE NO.: 3-220.42
Subject: General Lighting Demand Factors **EFFECTIVE:** 06/19/08

CODE SECTION: Article 220.42 and TABLE 220.42, 2007 California Electrical Code (CEC)

220.42. General Lighting. The demand factors specified in Table 220.42 shall apply to that portion of the total branch-circuit load computed for general illumination. They shall not be applied in determining the number of branch circuits for general illumination.

(Excerpt from Table 220.42)

(For) Hospitals*	First 50,000 (volt-amperes) at 40 (%)
	Remainder over 50,000 (volt-amperes) at 20 (%)

* The demand factors of this table shall not apply to the computed load of feeders or services supplying areas in hospitals, hotels, and motels where the entire lighting is likely to be used at one time, as in operating rooms, ballrooms, or dining rooms.

PURPOSE:
The interpretation described below is based on a Hospital Building Safety Board Appeal decision.

INTERPRETATION:
The factors of Table 220.42 shall not be allowed to be applied in the following areas of hospitals:

1. Surgery Suite (entire), including recovery
2. Emergency Department (entire)
3. Kitchen-Food Service-Dining Area
4. Critical Care Areas as defined in Article 517 of the 2007 CEC.
5. Elevator Lobbies and all Corridors
6. Loads connected to the Life Safety Branch of the Emergency System
7. Inpatient Nursing Stations
8. Loads connected to the Critical Branch of the Emergency System

Administrative Areas of the hospital shall be included under the “All Others” type of occupancy of Table 220.42 for lighting only.

The factors of Table 220.42 shall be allowed to be applied in all areas of hospitals not mentioned above, including General Care Patient Rooms and General Care Patient Isolation Rooms.

Original Signed 06/19/08
John D. Gillengerten Date