

**INTERPRETATION IC 90.1-2010-20 OF  
ANSI/ASHRAE/IES STANDARD 90.1-2010  
Energy Standard for Buildings Except Low-Rise Residential Buildings**

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**Reference:** This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2010, Section 9.1.2 relating to lighting alterations and controls.

**Background:** Lighting controls are required for alterations in which more than 10% of the light fixtures are going to be altered or replaced.

**Interpretation:** Suppose there is a building that is planning alterations to 80% of the lights in the space. It is our interpretation that, while lighting controls are required on this 80% (thus triggering Section 9.1.2), lighting controls are NOT required to be installed on the other 20% of lights that are not part of the alteration plans.

**Question:** Is this interpretation correct?

**Answer:** No, if more than 10% of the lighting load in a *space* is altered, the entire *space* must meet the LPD and control requirements.