

MECHANICAL

In general, Level 2 Alterations work that results in reconfigured occupied spaces and spaces made habitable or occupiable must be provided with natural or mechanical ventilation per the requirements of the *International Mechanical Code*® (IMC®). [Ref. 808.1]

Newly introduced devices, equipment or operations that are part of Level 2 Alterations work that adversely affect or impair health or cause discomfort to occupants must be provided with local exhaust in accordance with the requirements of the IMC. [Ref. 808.3]

PLUMBING

When the occupant load of a building story is increased by more than 20 percent as a result of Level 2 Alterations work, plumbing fixtures for that story only must be provided as required by the *International Plumbing Code*® (IPC®) based on the increased occupant load. [Ref. 809]

ENERGY CONSERVATION

Level 2 Alterations to existing buildings do not require the entire building to comply with the energy requirements of the *International Energy Conservation Code*® (IECC®). However, the work associated with the Level 2 Alteration project must comply with the IECC for new construction (Figure 9-28). [Ref. 810]



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FIGURE 9-28 Work areas must meet the requirements of the IECC.

You Should Know

The IEBC does allow existing mechanical ventilation systems to be altered, reconfigured or extended so long as they are capable of providing not less than 5 cfm/ft² (0.0024 m³/s) per person of outside air and not less than 15 cfm/ft² (0.0072 m³/s) per person of ventilation air; or not less than the ventilation air requirements as determined by the Indoor Air Quality Procedure of ASHRAE 62. [Ref. 808.2] ●