

**Section 605: ELECTRICAL EQUIPMENT, WIRING AND HAZARDS**

**605.4 Multiplug adapters.** Multiplug adapters, such as cube adapters, unfused plug strips or any other device not complying with the ICC *Electrical Code* shall be prohibited.

**605.4.1 Power tap design.** Relocatable power taps shall be of the polarized or grounded type, equipped with overcurrent protection, and shall be listed in accordance with UL 1363.

**605.4.2 Power supply.** Relocatable power taps shall be directly connected to a permanently installed receptacle.

**605.4.3 Installation.** Relocatable power tap cords shall not extend through walls, ceilings, floors, under doors or floor coverings, or be subject to environmental or physical damage.

**605.5 Extension cords.** Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances.

**605.5.1 Power supply.** Extension cords shall be plugged directly into an approved receptacle, power tap or multiplug adapter and, except for approved multiplug extension cords, shall serve only one portable appliance.

**605.5.2 Ampacity.** The ampacity of the extension cords shall not be less than the rated capacity of the portable appliance supplied by the cord.

**605.5.3 Maintenance.** Extension cords shall be maintained in good condition without splices, deterioration or damage.

**605.5.4 Grounding.** Extension cords shall be grounded when serving grounded portable appliances.

**605.6 Unapproved conditions.** Open junction boxes and open-wiring splices shall be prohibited. Approved covers shall be provided for all switch and electrical outlet boxes.

**605.7 Appliances.** Electrical appliances and fixtures shall be tested and listed in published reports of inspected electrical equipment by an approved agency and installed and maintained in accordance with all instructions included as part of such listing.

**605.8 Electrical motors.** Electrical motors shall be maintained free from excessive accumulations of oil, dirt waste and debris.

**605.9 Temporary wiring.** Temporary wiring for electrical power and lighting installations is allowed for a period not to exceed 90 days. Temporary wiring methods shall meet the applicable provisions of the ICC *Electrical Code*.

**Exception:** Temporary wiring for electrical power and lighting installations is allowed during periods of construction, remodeling, repair or demolition of buildings, structures, equipment or similar activities.

**605.9.1 Attachment to structures.** Temporary wiring attached to a structure shall be attached in an approved manner.

**605.10 Portable, electrical space heaters.** Portable, electric space heaters shall comply with Sections 605.10.1 through 605.10.4.

**605.10.1 Listed and labeled.** Only listed and labeled portable, electrical space heaters shall be used.

**605.10.2 Power supply.** Portable, electric space heaters shall be plugged directly into an approved receptacle.

**605.10.3 Extension cords.** Portable, electric space heaters shall not be plugged into extension cords.

**605.10.4 Prohibited areas.** Portable, electric space heaters shall not be operated within 3 feet (914 mm) of any combustible materials. Portable, electric space heaters shall be operated only in locations for which they are listed.