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- 1) **M1501.1 Outdoor discharge.** The air removed by every mechanical exhaust system shall be discharged to the outdoors. Air shall not be exhausted into an *attic*, soffit, ridge vent or crawl space.
- 2) **M1305.1 Appliance access for inspection service, repair and replacement.** *Appliances* shall be accessible for inspection, service, repair and replacement without removing permanent construction, other *appliances*, or any other piping or ducts not connected to the *appliance* being inspected, serviced, repaired or replaced. A level working space at least 30 inches deep and 30 inches wide (762 mm by 762 mm) shall be provided in front of the control side to service an *appliance*. Installation of room heaters shall be permitted with at least an 18-inch (457 mm) working space.
- 3) **M1307.3 Elevation of ignition source.** *Appliances* having an *ignition source* shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor in garages. For the purpose of this section, rooms or spaces that are not part of the living space of a *dwelling unit* and that communicate with a private garage through openings shall be considered to be part of the garage.
- 4) **M1411.3 Condensate disposal.** Condensate from all cooling coils or evaporators shall be conveyed from the drain pan outlet to an *approved* place of disposal. Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than $\frac{1}{8}$ unit vertical in 12 units horizontal (1-percent slope). Condensate shall not discharge into a street, alley or other areas where it would cause a nuisance.
- 5) **G2422.1 (411.1) Connecting appliances.** *Appliances* shall be connected to the *piping system* by one of the following:
 1. Rigid metallic *pipe* and fittings.
 2. Corrugated stainless steel *tubing* (CSST) where installed in accordance with the manufacturer's instructions.
 3. Listed and labeled *appliance connectors* in compliance with ANSI Z21.24 and installed in accordance with the manufacturer's installation instructions and located entirely in the same room as the *appliance*.
- 6) **G2422.1.2 (411.1.3) Connector installation.** *Appliance* fuel connectors shall be installed in accordance with the manufacturer's instructions and [Sections G2422.1.2.1 through G2422.1.2.4.](#)
 - G2422.1.2.1 (411.1.3.1) Maximum length.** Connectors shall not exceed 6 feet (1829 mm) in overall length. Measurement shall be made along the centerline of the connector. Only one connector shall be used for each *appliance*.
- 7) **G2411.1 (310.1) Pipe and tubing other than CSST.** Each above-ground portion of a *gas piping system* other than corrugated stainless steel tubing (CSST), that is likely to become energized shall be electrically continuous and bonded to an effective ground-fault current path. *Gas piping*, other than CSST, shall be considered to be bonded where it is connected to *appliances* that are connected to the equipment grounding conductor of the circuit supplying that *appliance*.
 - G2411.1.1 (310.1.1) CSST.** Corrugated stainless steel tubing (CSST) *gas piping systems* shall be bonded to the electrical service grounding electrode system at the point where the gas service enters the building. The *bonding jumper* shall be not smaller than 6 AWG copper wire or equivalent.

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- 8) **M1401.4 Exterior installations.** *Equipment* installed outdoors shall be *listed* and *labeled* for outdoor installation. Supports and foundations shall prevent excessive vibration, settlement or movement of the *equipment*. Supports and foundations shall be level and conform to the manufacturer's installation instructions.
- 9) **E4101.5 Disconnecting means.** Each appliance shall be provided with a means to disconnect all ungrounded supply conductors.

