



Requirements for Commercial Kitchen Cooking Appliances

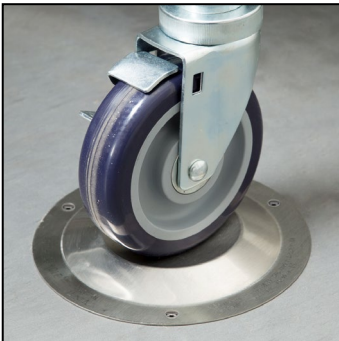
Effective January 1st, 2017, in accordance with the 2015/2018 International Fire Code, Section 609.4 (amended), all new and existing cooking appliances with caster(s) under a Type I hood shall be limited by an approved floor mounted restraining device and flexible gas connector installed in accordance with the connector and appliance manufacturer's instructions.

Requirement #1: Floor Mounted Placement Systems:

This requirement applies to both gas and electric cooking appliances with caster wheels under a Type I Hood. The floor mounted placement system is designed to ensure all caster-mounted commercial kitchen equipment is returned to the correct location under the kitchen hood suppression nozzles after every cleaning or maintenance to effectively protect the kitchen and its staff in the event of a fire. Two of the four caster wheels, typically the back two casters, shall be restrained by the floor mounted device.

Approved Floor Mounted Systems:

- [BlueEagle Group CC-S-2 Stainless Steel Caster Cradle](#)
- [Dormont Posi-Set Caster Placement Safety set System](#)
- [T&S Brass Posi-Set Appliance Locating System](#)



Requirement #2: Moveable Gas Cooking Appliances Flexible Gas Connector & Steel Cable:

New and existing moveable gas cooking appliances under at Type I hood shall have an approved flexible gas connector installed in accordance with the connector and appliance manufacturer's instructions. This requirement includes commercial cooking equipment on caster wheels and commercial cooking equipment on stationary legs that maybe moved for cleaning. Connectors shall meet ANSI Z21.69/CSA 6.16: Connectors for Movable Gas Appliances. A flexible removable steel restraining cable with a plastic coating shorter than the gas connector shall also be provided between the wall and cooking appliance.

Older traditional flexible and stationary connectors are not designed for repetitive movement which causes weakening and tearing of the connector resulting in leaks and fires, since the ignition sources are so close.

[Gas Connector Guide](#) (For reference only, not recommending or endorsing any one manufacturer or supplier)

