

 <p>CITY OF MILPITAS Office of Building Safety 455 E. Calaveras Blvd. Milpitas, CA 95035 408-586-3240 www.milpitas.gov</p>	Policy:	BDP-BLG45
	Effective Date:	6/11/2018
	Proposed by:	JAC
	Last Reviewed/ Revised:	3/7/2023
	Reviewed/ Revised by:	JDS
	Approved By:	Building Official
MOVABLE EQUIPMENT ANCHORAGE		

CODE REFERENCE(S):

CBC Section 1613 and ASCE 7-16 Section 13.1.4

ISSUE(S):

ASCE 7-16 Section 13.1.4 indicates that movable equipment is exempt from support and attachment requirements. The code does not provide a clear definition for movable equipment. This policy is created to define what can be considered a movable equipment and to outline the requirements for movable equipment that can qualify for the code exemption.

POLICY:

Movable equipment may be exempt from anchorage requirements if all of the following are met:

- Mobility of the component shall be part of the component's intended function.
- Shall have wheels that are part of the component. The wheels must have a locking mechanism.
- Shall not be connected to utilities (Electric, gas, water, etc.).
- Shall have a height to center of mass (CM) to least plan dimension (W) ratio such that:
 - At ground floor – CM:W ≤ 0.70
 - At upper floors – CM:W ≤ 0.45
- Shall not contain any hazardous materials or connections to hazardous materials.
- When not in use, shall be stored in a designated location with a restraining device that is adequately attached to the structure. The storage location shall be identified on plan and shall not encroach into the egress path.