



## CITY OF MILPITAS

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### MOVABLE EQUIPMENT ANCHORAGE

**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

**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 –  $CM:W \leq 0.70$
  - At upper floors –  $CM:W \leq 0.45$
- 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.