




**City of Milpitas  
Building and Safety Department**

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<b>Policy:</b>	<b>BDP-BLG11</b>
Effective Date:	8/12/2009
Proposed by:	TUCC
Last Reviewed/ Revised:	05/04/2018
Revised by:	OC
Approved By:	Gary King Acting Chief Building Official 

**SUSPENDED CEILING**

**CODE REFERENCE (S):**

ASCE 7-10 Section 13.5.6 Suspended ceilings requirements.  
ASTM E580-14 section 5 – Seismic Design Category D, E and F.

**ISSUE (S):**

It is not clear when tenant improvement projects with ceiling areas 1000 square feet or less are required to comply with all suspended ceiling requirements.

**POLICY:**

Any alteration that decreases the lateral support for or increases the area of an existing ceiling shall comply with Table A. The requirements are also applicable for suspended ceiling tile replacement when no lateral bracing & compression strut is found during construction.

Table A: Seismic Requirements for Suspended Acoustic Ceiling

Ceiling Area (FT <sup>2</sup> )	Restrained by Surrounding Wall or Soffit?	Splay Wire Required?	Compression Strut Required?
≤144	Yes	No	No
	No	Yes	Yes
≤1,000	Yes	No	Yes
	No	Yes	Yes
>1,000	—	Yes	Yes