

**PROPOSAL 8-41 (2008)**

**SCOPE: Table 15.4-2**

**PROPOSAL FOR CHANGE:**

**Revise the following Table 15.4-2 to Part 1 of the 2008 Provisions:**

**Table 15.4- 2**

**Seismic Coefficients for Nonbuilding Structures NOT Similar to Buildings**

Nonbuilding Structure Type	Required Detailing Provisions <sup>c</sup>	R	$\Omega_0$	C <sub>d</sub>	Structural System and Height Limits (ft) <sup>a</sup>				
					A&B	C	D	E	F
Elevated tanks, vessels, bins, or hoppers, <u>distributed mass cantilever structures not covered herein including stacks, chimneys, silos, and skirt-supported vertical vessels that are not similar to buildings:</u>									
On symmetrically braced legs	15.7.10	3	2 <sup>b</sup>	2.5	NL	NL	160	100	100
On unbraced legs or asymmetrically braced legs	15.7.10	2	2 <sup>b</sup>	2.5	NL	NL	100	60	60
Single pedestal or skirt supported									
- welded steel	15.7.10	2	2 <sup>b</sup>	2	NL	NL	NL	NL	NL
- welded steel with special detailing	15.7.10 & 15.7.10.5 a and b.	3	2 <sup>b</sup>	2	NL	NL	NL	NL	NL
- prestressed or reinforced concrete	15.7.10	2	2 <sup>b</sup>	2	NL	NL	NL	NL	NL
- prestressed or reinforced concrete with special detailing	15.7.10 and 14.2.3.6	3	2 <sup>b</sup>	2	NL	NL	NL	NL	NL
<del>All other steel and reinforced concrete distributed mass cantilever structures not covered herein including stacks, chimneys, silos, and skirt supported vertical vessels that are not similar to buildings</del>	<del>15.6.2, 15.7.10, and 15.7.10.5 a and b.</del>	<del>3</del>	<del>2</del>	<del>2.5</del>	<del>NL</del>	<del>NL</del>	<del>NL</del>	<del>NL</del>	<del>NL</del>

**REASON FOR PROPOSAL:**

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Users have reported confusion in the application of the Table 15.4-2 entries for “Elevated tanks, vessels, bins, or hoppers” and “All other steel and reinforced concrete distributed mass cantilever structures,,,”. A review of the two table entries indicate that the two entries can be combined. A single entry will eliminate the confusion experienced by users.

**TS 8 VOTE:**

<i>YES</i>	<i>Yes with Reservations</i>	<i>No</i>	<i>Not Voting</i>
11	0	0	2