

ASCE 7-93



Applicable Sections in ASCE 7-93

2.3.1, 2.3.2, 2.3.3, 10.2.1

Load Combination in ASCE 7-93

1. $1.4D$
 2. $1.2D + (1.6L)$
 3. $1.2D + (1.6W)$
 4. $1.2D + (1.6L) + (1.6W)$
- 2.3.2. E

Load Combination Factors in ASCE 7-93

- 2.3.3. $1.2D + 0.75(1.6L) + (1.6W)$
 - $1.2D + 0.66(1.6L) + (1.6W)$
- E

Use of One-Third Seismic in ASCE 7-93

2.3.3. Z $10.2.1$ Z $2.3.3$

Recommendation

7-3, 2.3.1, 2.3.3

ASCE 7-95

Applicable Sections in ASCE 7-95

2.4.1, 2.4.2, 2.4.3, 5.1.2

ASCE 7-98

Applicable Section in ASCE 7-98

2.4.1, 2.4.2, 2.4.3, 2.4.4, 2.4.5, 2.4.6, 2.4.7, 2.4.8, 2.4.9, 2.4.10, 2.4.11, 2.4.12

Change from ASCE 7-95

2.4.1, 2.4.2, 2.4.3, 2.4.4, 2.4.5, 2.4.6, 2.4.7, 2.4.8, 2.4.9, 2.4.10, 2.4.11, 2.4.12, 2.4.13, 2.4.14, 2.4.15, 2.4.16, 2.4.17, 2.4.18, 2.4.19, 2.4.20, 2.4.21, 2.4.22, 2.4.23, 2.4.24, 2.4.25, 2.4.26, 2.4.27, 2.4.28, 2.4.29, 2.4.30, 2.4.31, 2.4.32, 2.4.33, 2.4.34, 2.4.35, 2.4.36, 2.4.37, 2.4.38, 2.4.39, 2.4.40, 2.4.41, 2.4.42, 2.4.43, 2.4.44, 2.4.45, 2.4.46, 2.4.47, 2.4.48, 2.4.49, 2.4.50, 2.4.51, 2.4.52, 2.4.53, 2.4.54, 2.4.55, 2.4.56, 2.4.57, 2.4.58, 2.4.59, 2.4.60, 2.4.61, 2.4.62, 2.4.63, 2.4.64, 2.4.65, 2.4.66, 2.4.67, 2.4.68, 2.4.69, 2.4.70, 2.4.71, 2.4.72, 2.4.73, 2.4.74, 2.4.75, 2.4.76, 2.4.77, 2.4.78, 2.4.79, 2.4.80, 2.4.81, 2.4.82, 2.4.83, 2.4.84, 2.4.85, 2.4.86, 2.4.87, 2.4.88, 2.4.89, 2.4.90, 2.4.91, 2.4.92, 2.4.93, 2.4.94, 2.4.95, 2.4.96, 2.4.97, 2.4.98, 2.4.99, 2.4.100

Load Combination in ASCE 7-98

2.4.1, 2.4.2, 2.4.3, 2.4.4, 2.4.5, 2.4.6, 2.4.7, 2.4.8, 2.4.9, 2.4.10, 2.4.11, 2.4.12, 2.4.13, 2.4.14, 2.4.15, 2.4.16, 2.4.17, 2.4.18, 2.4.19, 2.4.20, 2.4.21, 2.4.22, 2.4.23, 2.4.24, 2.4.25, 2.4.26, 2.4.27, 2.4.28, 2.4.29, 2.4.30, 2.4.31, 2.4.32, 2.4.33, 2.4.34, 2.4.35, 2.4.36, 2.4.37, 2.4.38, 2.4.39, 2.4.40, 2.4.41, 2.4.42, 2.4.43, 2.4.44, 2.4.45, 2.4.46, 2.4.47, 2.4.48, 2.4.49, 2.4.50, 2.4.51, 2.4.52, 2.4.53, 2.4.54, 2.4.55, 2.4.56, 2.4.57, 2.4.58, 2.4.59, 2.4.60, 2.4.61, 2.4.62, 2.4.63, 2.4.64, 2.4.65, 2.4.66, 2.4.67, 2.4.68, 2.4.69, 2.4.70, 2.4.71, 2.4.72, 2.4.73, 2.4.74, 2.4.75, 2.4.76, 2.4.77, 2.4.78, 2.4.79, 2.4.80, 2.4.81, 2.4.82, 2.4.83, 2.4.84, 2.4.85, 2.4.86, 2.4.87, 2.4.88, 2.4.89, 2.4.90, 2.4.91, 2.4.92, 2.4.93, 2.4.94, 2.4.95, 2.4.96, 2.4.97, 2.4.98, 2.4.99, 2.4.100

1. $D + L$

2. $D + F + T + (L_r + S)$

SEI/ASCE 7-02

IBC 2000 & IBC 2003 (ICC)

Applicable Section in IBC 2000 and IBC 2003

1605.3.1, 1605.3.1.1, 1605.3.1.2, 1605.3.2

IBC 2000
IBC 2003

Load Combination in IBC 2000 and IBC 2003

- 1605.3.1
1. $1.2D$
 2. $1.2D + W$
 3. $1.2D + (L_r \text{ or } S)$
 4. $1.2D + (0.7L_r) + (L_r \text{ or } S)$
 5. $0.6D + W$
 6. $0.6D + 0.7L_r$

Use of One-Third Increase in IBC 2000 and IBC 2003

1605.3.1.1, Z, 1605.3.1, 23, 1605.3.2, 2003

Recommendation

2000, 2003, 1605.3.1

1999 Standard Building Code



Applicable Section in SBC 1999

160.1, 160.1.1

Load Combination in SBC 1999

- 160.1
1. $1.2D + (1.6W)$
 2. $1.2D + (1.6W) / 1.4$
 3. $1.2D + 1.6W / 2$
 4. $1.2D + 1.6W$
 5. $1.2D + 1.6W / 1.4$

Load Combination Factors in SBC 1999

(1.6W) / 1.4

Use of One-Third Seismic Inclosure in SBC 1999

160.1.1.2

4.1

Recommendation