

| Provision number | SI-metric stress in MPa | mks-metric stress in kgf/cm ² | U.S. Customary units stress in pounds per square inch (psi) |
|------------------------|--|---|---|
| 8.7.5.6.3.1(a) and (b) | $A_s = \frac{0.37\sqrt{f'_c}c_2d}{f_y}$ $A_s = \frac{2.1c_2d}{f_y}$ | $A_s = \frac{1.2\sqrt{f'_c}c_2d}{f_y}$ $A_s = \frac{21c_2d}{f_y}$ | $A_s = \frac{4.5\sqrt{f'_c}c_2d}{f_y}$ $A_s = \frac{300c_2d}{f_y}$ |
| 8.7.7.1.2 | $\phi 0.5\sqrt{f'_c}$ | $\phi 1.6\sqrt{f'_c}$ | $\phi 6\sqrt{f'_c}$ |
| 9.3.1.1.1 | $\left(0.4 + \frac{f_y}{700}\right)$ | $\left(0.4 + \frac{f_y}{7000}\right)$ | $\left(0.4 + \frac{f_y}{100,000}\right)$ |
| 9.3.1.1.2 | $(1.65 - 0.0003w_c)$ | $(1.65 - 0.0003w_c)$ | $(1.65 - 0.005w_c)$ |
| 9.6.1.2(a) and (b) | $\frac{0.25\sqrt{f'_c}}{f_y}b_wd$ $\frac{1.4}{f_y}b_wd$ | $\frac{0.80\sqrt{f'_c}}{f_y}b_wd$ $\frac{14}{f_y}b_wd$ | $\frac{3\sqrt{f'_c}}{f_y}b_wd$ $\frac{200}{f_y}b_wd$ |
| 9.6.3.1 | $V_u > 0.083\phi\lambda\sqrt{f'_c}b_wd$ | $V_u > 0.27\phi\lambda\sqrt{f'_c}b_wd$ | $V_u > \phi\lambda\sqrt{f'_c}b_wd$ |
| 9.6.3.4 | $A_{v,min} \geq 0.062\sqrt{f'_c}\frac{b_ws}{f_{yt}}$ $A_{v,min} \geq 0.35\frac{b_ws}{f_{yt}}$ | $A_{v,min} \geq 0.2\sqrt{f'_c}\frac{b_ws}{f_{yt}}$ $A_{v,min} \geq 3.5\frac{b_ws}{f_{yt}}$ | $A_{v,min} \geq 0.75\sqrt{f'_c}\frac{b_ws}{f_{yt}}$ $A_{v,min} \geq 50\frac{b_ws}{f_{yt}}$ |
| 9.6.4.2(a) and (b) | $(A_v + 2A_t)/s \geq 0.062\sqrt{f'_c}\frac{b_w}{f_{yt}}$ $(A_v + 2A_t)/s \geq 0.35\frac{b_w}{f_{yt}}$ | $(A_v + 2A_t)/s \geq 0.2\sqrt{f'_c}\frac{b_w}{f_{yt}}$ $(A_v + 2A_t)/s \geq 3.5\frac{b_w}{f_{yt}}$ | $(A_v + 2A_t)/s \geq 0.75\sqrt{f'_c}\frac{b_w}{f_{yt}}$ $(A_v + 2A_t)/s \geq 50\frac{b_w}{f_{yt}}$ |
| 9.6.4.3(a) and (b) | $A_{\ell,min} \leq \frac{0.42\sqrt{f'_c}A_{cp}}{f_y} - \left(\frac{A_t}{s}\right)p_h\frac{f_{yt}}{f_y}$ $A_{\ell,min} \leq \frac{0.42\sqrt{f'_c}A_{cp}}{f_y} - \left(\frac{0.175b_w}{f_{yt}}\right)p_h\frac{f_{yt}}{f_y}$ | $A_{\ell,min} \leq \frac{1.33\sqrt{f'_c}A_{cp}}{f_y} - \left(\frac{A_t}{s}\right)p_h\frac{f_{yt}}{f_y}$ $A_{\ell,min} \leq \frac{1.33\sqrt{f'_c}A_{cp}}{f_y} - \left(\frac{1.75b_w}{f_{yt}}\right)p_h\frac{f_{yt}}{f_y}$ | $A_{\ell,min} \leq \frac{5\sqrt{f'_c}A_{cp}}{f_y} - \left(\frac{A_t}{s}\right)p_h\frac{f_{yt}}{f_y}$ $A_{\ell,min} \leq \frac{5\sqrt{f'_c}A_{cp}}{f_y} - \left(\frac{25b_w}{f_{yt}}\right)p_h\frac{f_{yt}}{f_y}$ |
| 9.7.3.5(c) | $0.41\frac{b_ws}{f_{yt}}$ | $4.2\frac{b_ws}{f_{yt}}$ | $60\frac{b_ws}{f_{yt}}$ |
| 9.7.6.2.2 | $0.33\sqrt{f'_c}b_wd$ | $1.1\sqrt{f'_c}b_wd$ | $4\sqrt{f'_c}b_wd$ |
| 9.9.2.1 | $V_u \leq \phi 0.83\sqrt{f'_c}b_wd$ | $V_u \leq \phi 2.65\sqrt{f'_c}b_wd$ | $V_u \leq \phi 10\sqrt{f'_c}b_wd$ |
| 10.6.2.2 | $A_{v,min} \geq 0.062\sqrt{f'_c}\frac{b_ws}{f_{yt}}$ $A_{v,min} \geq 0.35\frac{b_ws}{f_{yt}}$ | $A_{v,min} \geq 0.2\sqrt{f'_c}\frac{b_ws}{f_{yt}}$ $A_{v,min} \geq 3.5\frac{b_ws}{f_{yt}}$ | $A_{v,min} \geq 0.75\sqrt{f'_c}\frac{b_ws}{f_{yt}}$ $A_{v,min} \geq 50\frac{b_ws}{f_{yt}}$ |