(b) **Standard stairs.** In addition to paragraph (a) of this section, standard stairs must:

1. Be installed at angles between 30 and 50 degrees from the horizontal;
2. Have a maximum riser height of 9.5 inches (24 cm);
3. Have a minimum tread depth of 9.5 inches (24 cm), except when open risers are used; and
4. Have a minimum width of 22 inches (56 cm) between vertical barriers.

(c) **Spiral stairways.** In addition to paragraph (a) of this section, spiral stairways must have:

1. A clear width not less than 26 inches (66 cm);
2. Risers with a maximum height of 9.5 inches (24 cm);
3. A minimum headroom above the spiral stairway of 6 feet, 6 inches (2 m) measured vertically from the center of the leading edge of the tread;
4. Treads with a minimum depth of 7.5 inches (19 cm) at a point 12 inches (30 cm) from the narrowest edge; and
5. Uniform size treads.

(d) **Ship stairs.** In addition to paragraph (a) of this section, ship stairs must:

1. Be installed at a slope of 50 to 70 degrees from the horizontal;
2. Have open risers; and
3. Have treads with a minimum depth of 4 inches (10 cm), a minimum width of 18 inches (46 cm), and a vertical rise between tread surfaces in the range of 6.5 to 12 inches (17 to 30 cm).