

Table 3.4: Stair

| ITEMS | REQUIREMENTS |
|---|---|
| 19. EQUIPMENT ACCESS | i. Industrial Equipment Access shall comply to the following. <ul style="list-style-type: none"> a. Minimum Horizontal dimension of walkway, landing or platform shall be 560 mm. b. Minimum stair or ramp width shall be 560 mm. c. Minimum tread width shall be 560 mm. d. Minimum tread depth shall be 255 mm. e. Maximum riser height shall be 230 mm f. Maximum height between landings shall be 3660 mm. g. Minimum head room shall be 2030 mm. h. Minimum width of door opening shall be 560 mm. i. Railings height shall be 865 mm to 965 mm and shall be permitted to terminate directly above top and bottom risers. |
| 20. STAIR TREAD, FLIGHTS AND ARRANGEMENT | i. Exit stair designs is preferred to be as per Figure 3.13.a. (Refer to Figure 3.13.a.) <ul style="list-style-type: none"> a. Regular flights and consistent dimensions of steps is acceptable . b. Consistent flights and consistent dimensions on all sides are acceptable. c. Consistent flights and consistent dimensions of steps are acceptable d. Direct exit at discharge level from under the stair flight. e. Two doors on opposite sides are acceptable if each door swing does not obstruct more than half of the required landing width. f. RCC Stairs with separate core but common RCC divider is acceptable only in lowrise and midrise buildings provided whole stair complies with building construction type and separation distance. g. Straight run stairs are acceptable, provided maximum height between landings is 3660 mm. h. RCC Stairs with separate core but common RCC divider is acceptable only in lowrise and midrise buildings provided whole stair complies with building construction type and separation distance between exits. i. Consistent flights with consistent dimensions of steps on opposite sides are acceptable. j. RCC Stairs with separate core but common RCC divider is acceptable only in lowrise and midrise buildings provided whole stair complies with building construction type and separation distance between exits. |