

5.15. Industrial, Group A, B, C. (Process, Manufacturing, Workshops)

5.15.1. The Industrial, Group A, B, C. (Process, Manufacturing, Workshops) occupancies shall comply with **Table 3.36.** along with all other sections of this chapter. Where conflicts arise between this section and other sections of this Chapter or code, the requirements of this section shall prevail.

Table 3.36.: Industrial, Group A, B, C. (Process, Manufacturing, Workshops)

ITEMS	REQUIREMENTS
1. MULTIPLE OCCUPANCY	i. Incidental offices, showrooms, dining rooms and Kitchens shall be permitted inside the industrial occupancies, provided they are separated from industrial areas by 1 hour fire resistance rated construction.
2. STAIRS	i. Noncombustible grated stair treads and noncombustible grated landing floors shall be permitted. ii. Industrial equipment access stairs and Spiral stairs shall be permitted, provided it is used only to access equipment and not offices. iii. Industrial equipment access doors, walkways, platforms, ramps, and stairs that serve as access for the involved equipment or storage space shall be permitted.
3. DOORS	i. Roller shutters are not permitted as exit doors. A swing exit door shall be provided as a means of egress.
4. HORIZONTAL EXIT	i. Horizontal exit barrier shall have two fire door assemblies of which one is permitted to be an automatic sliding fire door or automatic rolling fire shutter.
5. SINGLE EXIT PERMISSION	i. Single exit is not permitted. ii. 2 exits shall be provided from every storey or level or section as per Section 4.4 of this chapter. iii. Not less than 1 exit shall be provided such that exit can be reached without traversing to another storey. iv. Single exit is permitted in storage areas, Equipment access provided it is not high hazard content area and total travel distance to outside the building does not exceed (S 30 m, NS 15 m). v. Single exit from Office areas in industrial occupancy shall be permitted, provided the total travel distance from any point in the office to outside, including travel on stair does not exceed (S 30 m, NS 15 m). vi. All high hazard content areas shall be provided with not less than 2 exits remotely located as per section 4.4 of this chapter.
6. CORRIDORS AND EXIT PASSAGEWAYS	i. Where exit access corridors, passageways and service corridors are provided, minimum width shall not be less than 1200 mm. ii. Where racks and shelf are provided, they shall be installed 1200 mm away from the structure walls. iii. Minimum width between racking or shelf shall not be less than 915 mm.
7. SEPARATION	i. Multi tenant factories, group of factories shall be separated from each other by 1 hour fire resistance rated construction. See Chapter 1, Table 1.9.31. ii. Exit access corridors where provided, in non sprinklered industrial occupancies, shall be separated from other parts of the building by 1 hour fire resistance rated construction.