



2. CONSTRUCTION

Table A.1.2: FAQ-Construction

| QUESTION | ANSWER |
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| 16. What is the fire rating and ventilation requirement for a spray painting booth or for any spray painting process | <ul style="list-style-type: none"> i. Areas in which spray painting or other allied processes are performed or carried out, shall be separated from other parts of the same building by compartment walls and floors having fire resistance rating of not less than 2 hours without protection and 1 hour fire resistance rating if fully protected. ii. Spray painting booths shall have built in vapor extraction system. |
| 17. What is the fire rating of the cold room (freezer room) construction? | <ul style="list-style-type: none"> i. Where a cold room has a floor area exceeding 20 m², a separate outer layer of non-combustible construction, including the door, having minimum 1-hour fire resistance rating with sprinkler protection and 2 hour fire resistance rating without sprinkler protection, shall be provided to compartmentalize the cold room enclosure from other areas. ii. Provision of the fire resisting outer layer enclosure, including the fire door to the cold room would not be required if the cold room has a floor area not exceeding 20 m² and is sprinkler protected. The storage materials shall not include highly flammable chemicals. iii. Cold room lesser than 20 m² provided with at least one hour fire rating compartment, need not be provided with sprinklers provided that the storage shall not include flammable materials . |
| 18. What shall the maximum allowable area of a mezzanine floor ? | <ul style="list-style-type: none"> i. The aggregate area of mezzanines within a room, other than those located in special-purpose industrial occupancies, shall not exceed one-third the open area of the room in which the mezzanines are located. |
| 19. What is the definition of fire access level? | <ul style="list-style-type: none"> i. Level where Civil Defence Fire Appliances (Fire Truck/ Engine) are deployed and where fire fighters have direct access into the building. |
| 20. What is the definition of fire engine access road? | <ul style="list-style-type: none"> i. The road to the building or structure to allow approach and access for Civil Defence fire-fighting and rescue apparatus. |
| 21. What is the definition of fire engine access way | <ul style="list-style-type: none"> i. The path adjacent to the building or structure to allow operational setup for Civil Defence fire-fighting and rescue apparatus such as Aerial Appliances. |
| 22. What is the gradient requirement for a fire engine access way | <ul style="list-style-type: none"> i. Access way shall be laid on a level platform or if on an incline, the gradient shall not exceed a maximum of 10%. |