

Table 13.1: General Requirements for Flammable and Combustible Liquid Storage

| ITEM | REQUIREMENTS |
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| 4. ELECTRICAL AREA CLASSIFICATION | <p>i. Electrical Area Classification shall comply with NFPA 70 Class I designated areas with Table 13.1.a., for Class I liquid storage areas and areas where Class II OR Class III liquids are stored or handled at or above their flash points.</p> <p>ii. A classified area shall not extend beyond a floor, wall, roof or other solid partition that has no openings within the classified area. See Figure 13.1. and 13.2.</p> |

Table 13.1.a.: Electrical Area Classification

| LOCATION | DIVISION | ZONE | EXTENT OF CLASSIFIED AREA |
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| 1. INDOOR EQUIPMENT- WHERE FLAMMABLE VAPOUR-AIR MIXTURE CAN EXIST UNDER NORMAL CONDITION | 1 | 0 | The entire area associated with such equipment where flammable gases or vapours are present continuously for long period of time. |
| | 1 | 1 | Area within 1.5 m of any edge of such equipment, extending in all direction |
| | 2 | 2 | Area between 1.5 m and 2.5 m of any edge of such equipment, extending in all directions including space up to 1 m above floor or grade level within 1.5 m to 7.6 m horizontally from any edge of such equipment |
| 2. OUTDOOR EQUIPMENT- WHERE FLAMMABLE VAPOUR-AIR MIXTURE CAN EXIST UNDER NORMAL CONDITION | 1 | 0 | The entire area associated with such equipment where flammable gases or vapours are present continuously for long period of time. |
| | 1 | 1 | Area within 1 m of any edge of such equipment, extending in all direction |
| | 2 | 2 | Area between 1 m and 2.5 m of any edge of such equipment, extending in all directions including space up to 1 m above floor or grade level within 1 m to 3 m horizontally from any edge of such equipment |
| 3. INDOOR– TANK STORAGE INSTALLATIONS INSIDE BUILDINGS | 1 | 1 | All equipment located below grade level. |
| | 2 | 2 | Any equipment located at or above grade level. |