

Flammable Liquids: Container and Portable Tank Outdoor Storage Maximums

OSHA Hazardous Materials

1910.106(d)(6) Storage Outside Buildings

Table H-16 Outdoor Container Storage

| Category | Max. per pile | Distance between piles | Distance to property line that can be built upon | Distance to street, alley, public way |
|------------|---------------|------------------------|--|---------------------------------------|
| | Gal. | Ft. | Ft. | Ft. |
| 1 | 1,100 | 5 | 20 | 10 |
| 2 | 2,200 | 5 | 20 | 10 |
| 3 FP<100°F | 4,400 | 5 | 20 | 10 |
| 3 FP>100°F | 8,800 | 5 | 20 | 10 |
| 4 | 22,000 | 5 | 20 | 10 |

Table H-17 Outdoor Portable Tank Storage

| Category | Max. per pile | Distance between piles | Distance to property line that can be built upon | Distance to street, alley, public way |
|------------|---------------|------------------------|--|---------------------------------------|
| | Gal. | Ft. | Ft. | Ft. |
| 1 | 2,200 | 5 | 20 | 10 |
| 2 | 4,400 | 5 | 20 | 10 |
| 3 FP<100°F | 8,800 | 5 | 20 | 10 |
| 3 FP>100°F | 17,600 | 5 | 10 | 5 |
| 4 | 44,000 | 5 | 10 | 5 |

- NOTE 1: When 2 or more categories of materials are stored in a single pile, the maximum gallonage in that pile shall be the smallest of the 2 or more separate gallonages.
- NOTE 2: Within 200 ft. of each container/portable tank, there shall be a 12 ft. wide access way to permit approach of fire control apparatus.
- NOTE 3: The distances listed apply to properties that have protection for exposures as defined. If there are exposures, and such protection for exposures does not exist, the distances in column 4 shall be doubled.
- NOTE 4: When total quantity stored does not exceed 50 percent of maximum per pile, the distances in columns 4 and 5 may be reduced 50 percent, but not less than 3 ft.
- NOTE 5: FP means Flashpoint.