

and the grounded conductor of the flexible cord shall be connected to the screw shell of any lampholder or to the grounded terminal of any utilization equipment supplied.

(2) Approved Means. Approved means shall be provided for maintaining continuity of the equipment grounding conductor between the fixed wiring system and the non-current-carrying metal portions of pendant luminaires, portable luminaires, and portable utilization equipment.

ARTICLE

514

Motor Fuel Dispensing Facilities

Δ 514.1 Scope. This article shall apply to motor fuel dispensing facilities, marine/motor fuel dispensing facilities, motor fuel dispensing facilities located inside buildings, and fleet vehicle motor fuel dispensing facilities.

Informational Note: See NFPA 30A-2021, *Code for Motor Fuel Dispensing Facilities and Repair Garages*, for information regarding safeguards for motor fuel dispensing facilities and for extracted text that is followed by a reference in brackets. Only editorial changes were made to the extracted text to make it consistent with this *Code*.

Article 514 encompasses all locations where volatile flammable liquids or gases are dispensed into the fuel tanks of self-propelled vehicles or other approved fuel tanks. It also includes dispensing at marine facilities such as marinas and boatyards. The phrase “approved containers” in the definition of *motor fuel dispensing facility* in Article 100 covers portable gasoline containers and also applies to dispensing locations for liquefied petroleum gas (LPG), including those locations that do not serve self-propelled vehicles.

N 514.2 Other Articles. In addition to the requirements of this article, motor fuel dispensing facilities shall comply with Table 514.2, as applicable, except as modified by this article.

N TABLE 514.2 Other Articles

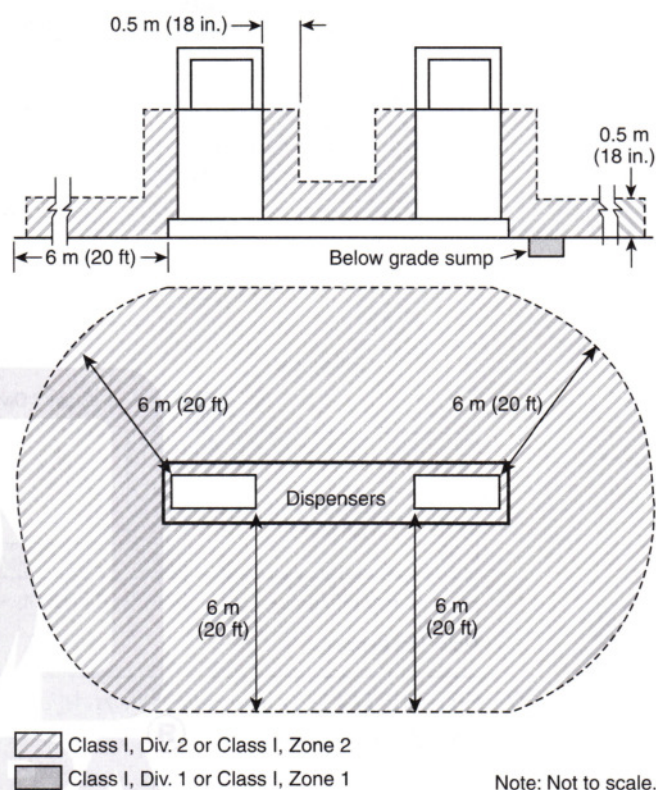
Requirement	Division Classified Locations	Zone Classified Locations
Area classification	500.5, 500.6	505.5, 505.6, 505.7
Equipment	Part III of 501, 500.7, 500.8, 501.5	505.8, 505.9, 505.20, 505.22
Wiring	Part II of 501	505.15, 505.16, 505.17, 505.18, 505.19, 505.26, 505.30

514.3 Classification of Locations. Where the term “Class I” is used with respect to Zone classifications within this article of the *Code*, it shall apply to Zone 0, Zone 1, and Zone 2 designations.

Informational Note: The term “Class I” was originally included as a prefix to Zone 0, Zone 1, and Zone 2 locations and references

as an identifier for flammable gases, vapors, or liquids to differentiate from Class II and Class III locations. Zone 0, Zone 1, and Zone 2 only apply to flammable gases, vapors, or liquids so the “Class I” prefix is redundant and has been deleted, except for text that is extracted from other documents or to remain consistent throughout this article.

[See Figure 514.3.]



Δ FIGURE 514.3 Classified Areas Adjacent to Dispensers. [30A:Figure 8.3.3(a)]

(A) Unclassified Locations. Where the authority having jurisdiction can satisfactorily determine that flammable liquids having a flash point below 38°C (100°F), such as gasoline, will not be handled, such location shall not be required to be classified.

(B) Classified Locations. [See Figure 514.3(B).]

Many steps are required to properly classify a hazardous location. Although the NEC® provides general area classifications in Articles 501, 502, 503, 505, and 506, it does not classify specific locations. The NEC classifications for specific occupancies or processes have been extracted from other NFPA documents. The classifications from those documents are based on the premise that all applicable requirements of the document have been met. Deviations in on-site conditions, such as process conditions, area ventilation, and room construction, from those assumed by the document may alter the general classification. Those responsible for the specific area classification must consider the basis for the