

# Comm 10 UST/AST SETBACK REQUIREMENT Reference Guide

This reference is a guide and is not intended to supplement the rule. Tanks compliant with the regulation in place when installed or constructed are not required to be upgraded unless more current rules require “existing” tanks to meet specific technical requirements. Additional requirements or exclusions may apply.

## General

Tank system may have to meet multiple setback requirements as indicated.

<b>Storage Tank System</b>	<b>Setback/Distance</b>	<b>From/To</b>
AST	Rule in place when constructed  2 ft./3 ft.	Tank wall setback from secondary containment wall / other tank(s) within the dike  <i>Current rule Comm 10.420(2)(L), Dike wall/other tank(s) within the dike</i>
AST and/or UST	Comm 10.260	Municipal well (Local wellhead regulations may apply)
AST and/or UST	Comm 10.260	Private potable well
Class I – IIIA liquid bulk storage with floating roof (Field erected AST)	NFPA 30 Table 22.4.1.1(a)	Building, property line, public way
Vertical Class I – IIIA liquid bulk storage with weak roof –to-shell seam (Field erected AST)	NFPA 30 Table 22.4.1.1(a)	Building, property line, public way
Horiz. & Vert. Class I – IIIA liquid bulk storage with Emergency Relief Venting (Typical UL 142 AST)	NFPA 30 Table 22.4.1.1(a) or (b)	Building, property line, public way
Horiz. & Vert. Class I – IIIA liquid bulk storage with Emergency Relief Venting (Typical UL 2080 AST; a.k.a. STI FLAMESHIELD)	NFPA 30 Table 22.4.1.1 (a) or (b)	Building, property line, public way
Horiz. & Vert. Class I – IIIA liquid bulk storage tank (Typical UL 142 AST) protected by approved inerting or foam system	½ the distance in Table 22.4.1.1(b) NFPA 30	Building, property line, public way
“Protected” Class I – IIIA AST (Typical UL 2085 AST; a.k.a. STI FIREGUARD)	½ the distance in Table 22.4.1.1(b) NFPA 30	Building, property line, public way
Pressure vessel type Class I – IIIA AST with internal pressure allowed to exceed 2.5 psi.	1½ the distance in Table 22.4.1.1(b) NFPA 30, but not less than 25 ft.	Building, property line, public way
Class IIIB AST	NFPA 30 Table 22.4.1.6	Building, property line, public way
Class I, II and IIIA AST	20 ft.	LP gas container (any portable or tanks) NFPA 30-22.4.2.4 & 58-6.4.5.5
Class I, II and IIIA UST	NA	LP gas container NFPA 30A-12.3.5
Farm fuel AST ≤ 1,100 w gravity flow	40 ft.	Property line, buildings or combustibles
Farm fuel AST - Listed UL 142 in containment and code compliant	Table Comm 10.630	" " "
UST	1/3 ft. Class I 1/1 ft. Class II & III	Building foundation/property line NFPA 30 23.4
Marina - Residential AST	25/10 ft.	Important buildings/property line, high water mark, roadway
Marina – public or commercial use AST	10 ft.	High water mark PLUS Table Comm 10.615-A (no dispenser setback)

Used Oil AST - Public Collection	NFPA 30 Table 22.4.1.1 (a) or (b)	Any building or combustible structure
Used Oil AST not accessible to the public	NFPA 30 Table 22.4.1.6 Reduced setback (<1,100) if authorized in writing	Any important building or property line
Product transfer connections	25 ft. Class I 15 ft. Class II & III	Any building opening/Adjacent property line that can be built upon. Measure is from nearest fill spout or transfer connection.

### Vehicle Fuel Dispensing

<b>Dispenser/Pump</b>	<b>Setback/Distance</b>	<b>From/To</b>
For any product dispenser for vehicle fueling	10 ft.	Adjacent property line. NOTE: All parts of the vehicle being fueled shall be on the premises of the dispenser.
◆ Hose reach (Max. hose length 18 ft. unless approved)	5 ft.	Any building opening
Motor vehicle or Marine fueling area	20 ft.	Any fixed source of ignition
Used to fill portable containers with home heating fuels	20 ft.	Any dispensing devices for motor fuels (NFPA 30A-6.3.5)
Public dispensing devices for Class I, II, IIIA and IIIB liquids	20 ft.	Portable LP containers(Comm 10.620(2)(b))
Public/fleet dispensing devices for Class I, II, IIIA,IIIB liquids	50 ft.	LP tank (NFPA 30A-12.3.3)
For AST used for retail motor vehicle fueling		Refer to Public Access table below
For AST used for fleet motor vehicle fueling		Refer to Fleet Fueling table below
Motor vehicle or Marine fueling area	50 ft.	NFPA 30A-12.3.3 from dispensing devices that dispense liquid motor vehicle fuels by at least 50 ft.

### Setbacks for Aboveground Tanks Used for Public Access Vehicle Fueling Comm 10 Table 10.615-A

<b>Type of Tank</b>	<b>Individual Tank Capacity (gal)</b>	<b>Setback From Nearest Important Building on Same Property (ft)</b>	<b>Setback From Nearest Retail Dispenser (ft)</b>	<b>Setback From Lot Line That Can be Built Upon, Including the Far Side of a Public Way (ft)</b>	<b>Setback From Near Side of a Public Way (ft)</b>	<b>Minimum Distance Between Tanks (ft)</b>
Vaulted (Tank in a vault) (e.g., UL 2245)	0-15,000	0	0	0	0	Separate compartment for each tank
Protected (Typical UL 2085 AST; a.k.a. STI FIREGUARD)	0-6,000	5	0	15	5	3
	6,001-12,000	15	0	25	15	3
Fire-Resistant (Typical UL 2080 AST; a.k.a. STI FLAMESHIELD)	0-2,000	25	25	25	25	3
	2,001-12,000	25	25	50	25	3
Other code complying tank (Typical UL 142 AST)	0-2,000	25	30	50	50	3

2,001-12,000	50	50	100	50	3
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**Setbacks for Aboveground Tanks Used for Fleet Vehicle Fueling Only Comm 10 Table 10.615-B**

Type of Tank	Individual Tank Capacity (gal)	Setback From Nearest Important Building on Same Property (ft)	Setback From Nearest Dispenser (ft)	Setback From Lot Line That Can be Built Upon, Including the Far Side of a Public Way (ft)	Setback From Near Side of a Public Way (ft)	Minimum Distance Between Tanks (ft)
Vaulted (Tank in a vault)	0-15,000	0	0	0	0	Separate compartment for each tank
Protected (Typical UL 2085 AST; a.k.a. STI FIREGUARD)	0-6,000	5	0	15	5	3
	6,001-12,000	15	0	25	15	3
Fire-Resistant (Typical UL 2080 AST; a.k.a. STI FLAMESHIELD)	0-2,000	25	0	25	25	3
	2,001-12,000	25	0	50	25	3
Other code complying tank (Typical UL 142 AST)	≤12,000 for Class I ≤20,000 for Class II or III	25	0	50	25	3