



Flammable, Combustible and Hazardous Liquid Storage Tank Installation Regulatory Synopsis

The following is a condensed synopsis of the Wisconsin regulations associated with flammable, combustible and hazardous liquid storage tanks. This synopsis does not go into detail or address code exceptions or exemptions.

- I Pre-installation plan submittal is required for review and approval [SPS 310.100 & SPS 310.110]
 - a) No specific qualifications for individual designing or submitting the plan.
 - b) Construction / installation on tank system may start when plan has been approved.
 - c) Installation / construction of shop built tanks must be under the direct supervision of a SPS 305 certified UST or AST installer; field erected ASTs a professional Engineer (PE).
 - d) Exception to b) - c) above is ASTs that store non flammable/non combustible hazardous liquid if construction is directly supervised by a qualified engineer. [SPS.310.100(1)(b)6]

SPS 310 Code:

https://docs.legis.wisconsin.gov/code/admin_code/sps/safety_and_buildings_and_environment/301_319/310

SPS 305 Code

https://docs.legis.wisconsin.gov/code/admin_code/sps/safety_and_buildings_and_environment/301_319/305.pdf

Tank registration forms:

<http://dsps.wi.gov/er/ER-BST-FM-SPS310Forms.html>

- II Construction / installation must be supervised by a Wisconsin SPS 305 certified tank installer or a qualified engineer. [SPS 305.84 & 5.85]

Installer search:

http://apps2.commerce.wi.gov/SB_Credential/SB_CredentialApp/SearchByCredType

- III Pre-installation notification must be made to designated inspector / inspection agency [SPS 310.115(2)]

Tank inspector / inspection agency jurisdictions:

http://dsps.wi.gov/php/er-lpolists/lpo_agency_list.php

- IV Pre-operational sign –off by a certified inspector prior to placing the system into operation.
 - a) All alarms and communications must be operable.
 - b) All required tests must be performed and documented.
 - c) Installation checklists and registration forms must be submitted.
- V Taking a tank out of service – requirements are dependent upon placing a tank in Temporary-Out of-Service status or closing a tank permanently [SPS 310.545 or SPS 310.560]

Code Compendium:

<http://dsps.wi.gov/er/pdf/bst/SPScodes/ER-BST-SPS310CodeCompendium.pdf>