



General Requirements for Hazardous Liquids Aboveground Storage Tanks

BUREAU OF WEIGHTS AND MEASURES

PO Box 8911
Madison, WI 53708
(608) 224-4942
datcp.wi.gov

RESOURCES

Wis. Admin. Code ATCP 93:
http://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93

CERCLA Chemical List

<https://www.epa.gov/epcra/consolidated-list-lists>

Plan Review Fact Sheet

<https://datcp.wi.gov/Documents/PlanReviewFAQ.pdf>

Certified Installer Registry

https://mydatcp.wi.gov/documents/dtcp/List_of_Tank_Specialty_Firm_Registration_s.pdf

Forms

https://datcp.wi.gov/Pages/Programs_Services/PetroleumHazStorageTanksForms.aspx

This fact sheet applies to aboveground storage tanks that store, handle, or use liquids which are federally regulated hazardous substances, in any concentration of 1 percent or more by volume, for the purpose of protecting waters of the state from contamination. For a full list of requirements, please see [ATCP 93.350](#). The list of federally regulated hazardous substances covered in this sub-chapter, also known as the CERCLA List, is located in [40 CFR 302.4, Table 302.4](#).

Requirements for hazardous liquids which are flammable or combustible

- If the hazardous liquid being stored is considered flammable or combustible from its safety data sheet (SDS), plan review, installation, inspection, and registration requirements are the same as any other regulated storage tank storing flammable or combustible liquids.
- Plans and forms are required to be sent into the department and approved prior to commencing tank system installation.
- A certified installer or a registered professional engineer is required to oversee the installation of the tank system.
- Inspector notification shall be given no less than 5 business days from commencing installation or removal using form [TR-WM-121](#). An inspection by an assigned inspector will occur, and an inspection checklist form [TR-WM-120](#) will be filled out and signed by the certified installer and the state inspector.
- The completed and signed inspection report along with a tank registration form [TR-WM-118](#) shall then be sent to the department.

Requirements for hazardous liquids that are non-flammable/non-combustible

- If the hazardous liquid being stored is considered non-flammable and non-combustible from its safety data sheet (SDS), the requirements of ATCP 93.350 shall be followed.
- Design, construction, and maintenance shall be supervised by a registered professional engineer (PE).
- Construction plans are not submitted to the department for review.
- An installation inspection by a state inspector does not take place, and a 5-day notification to the inspector is not required.
- Upon completion of the installation of the tank system, the PE shall complete the installation inspection checklist form [TR-WM-120](#), acting as both the installer and inspector of the project.
- The installation checklist and a tank registration form [TR-WM-118](#) is then sent to the department and the system may begin operation.