



Storage Tank Plan Review Frequently Asked Questions

BUREAU OF WEIGHTS AND MEASURES

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RESOURCES

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

Storage Tanks Website
https://datcp.wi.gov/Pages/Programs_Services/PetroleumHazStorageTanks.aspx

Form TR-WM-137
<https://datcp.wi.gov/Documents/TR-WM-137.pdf>

Many storage tank systems require plan review and written approval from the department prior to installations and upgrades. [Wisconsin Administrative Code ATCP 93](#) specifies the requirements for plan review and tank installation.

When is plan review and approval required?

- Any construction of new or additional tank or piping installation
- Changing the operation of a tank system from storage of a non-regulated substance to a regulated substance
- Adding or modifying tank or pipe corrosion protection
- Adding leak detection or modifying leak detection as specified in Wis. Admin. Code § [ATCP 93.110\(3\)\(e\)](#) when performed in conjunction with other changes that require plan review. A certified installer is not required to perform the modification of leak detection.
 - The department's leak detection installation form [TR-WM-133](#) must be filled out and submitted anytime leak detection equipment is added or modified, whether or not plan review is required.
- Upgrading or modifying spill or overfill protection
- Lining or relining of underground tanks
- Converting a full-service motor fuel dispensing facility or a self-service motor fuel dispensing facility to the use of a point-of-sale dispensing system or device
 - A certified installer is not required to perform the conversion to a point-of-sale dispensing system. The installer must fill out the department's point-of-sale fueling installation form [TR-WM-130](#) and must provide the form to the authorized agent or the department, for inspection of the system.
- Converting from the storage and dispensing of flammable or combustible liquids containing 10 percent or less ethanol by volume to liquids containing more than 10 percent ethanol by volume
- Converting from the storage and dispensing of flammable or combustible liquids containing 5 percent or less biodiesel by volume to liquids containing more than 5 biodiesel fuel by volume
- Using a tank system to store a substance that poses a significant fire hazard to people or the environment due to material compatibility, equipment functionality or product characteristics, as determined by the authorized agent or the department, or fire department
- Adding or modifying any device or system component making an underground connection to a tank, product pipe or vent pipe
- Where the department determines that the review of a specific application, modification or contractor activity would meet the regulatory oversight objective for technical plan review and approval

Who reviews and approves plans?

- Plans may be reviewed and approved by DATCP or a Class A city depending on where the facility is located. The only Class A City in Wisconsin is Milwaukee.

When is plan review and approval not required?

- Integral fuel supply tanks of a motor vehicle, aircraft, watercraft, mobile power plant or mobile heating plant
- Aboveground tanks which have a capacity of less than 5,000 gallons

When is plan review and approval not required? (cont.)

- Reconfiguration of product piping that is located aboveground, from storage tanks supplying a regulated substance to a manufacturing, industrial or blending process
- Tank vehicles or movable tanks, which are used for vehicle fueling operations under subchapter VI of Wis. Admin. Code ATCP 93
- Aboveground tank systems that store hazardous liquids which are not flammable or combustible liquids, if the construction is supervised by a qualified engineer
- Portable tanks that are not used as fixed tanks
- Tanks that are located at a US EPA superfund site
- Where the department determines that the review of a specific application, modification or contractor activity would not meet the regulatory oversight objective for technical plan review and approval

What information must be submitted for plan review when mailed to DATCP?

Plans, specifications, and information submitted for review and approval must contain at least 5 sets of plans and specifications that are clear and legible, a completed installation application, and any other required form for the installation (leak detection, point of sale, alternative fuel conversion, etc.). This information may be emailed to: DATCPplanreview@wisconsin.gov. An invoice will then be generated and sent to the submitter.

What information must be submitted for plan review when mailed to DATCP?

Plans, specifications, and information submitted for electronic review and approval must contain a full set of plans and specifications that are clear and legible, a completed installation application, all required fees, and any other required form for the installation (leak detection, point of sale, alternative fuel conversion, etc.).

Are there other forms that must be submitted?

- Flammable Liquid Tanks Installation Application [TR-WM-126](#)
- Point-of-Sale Fueling Installation [TR-WM-130](#)
- Alternative Fuels Conversion / Installation Application (ethanol & biodiesel) [TR-WM-132](#)
- Leak Detection Installation, Conversion or Upgrade [TR-WM-133](#)

Who may submit plans for review and approval?

Anyone can submit plans or installation applications; however, the installation must be under the supervision of a certified installer working for a registered tank specialty firm, or a professional engineer.

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How long will it take for my plans to be reviewed?

DATCP must review and make a determination on an application for installation approval and plan review within 20 business days of receiving all of the required information and fees. Review time may be extended when more additional information is needed to complete the review.

Are there other resources available?

The following related fact sheets are available on our [website](#):

- [Moving Aboveground Storage Tanks](#)
- [Storage Tank Registration Fact Sheet](#)
- [Storage Tank Plan Approval & Installation Requirements for Alternative Fuels](#)
- [Underground Tank System Installer Fact Sheet](#)
- [Aboveground Tank System Installer Fact Sheet](#)
- [Tank Specialty Firm Registration Fact Sheet](#)
- [Containment Sump Installation and Upgrade Requirements](#)

Questions? Contact us at (608)224-4942, option 4 or DATCPWeightsMeasuresPlanReview@wisconsin.gov