

THE DEPARTMENT OF AGRICULTURE, TRADE
AND CONSUMER PROTECTION'S
PROPOSED ORDER TO ADOPT PERMANENT RULES

PROPOSED ORDER

The Wisconsin department of agriculture, trade and consumer protection proposes the following rule *to repeal* ATCP 93.050 (59), 93.100 (1) (b) 1., 3., 9., and 9. Note, 93.440 (3) (a) 2. b., 93.465 (2) (b), 93.610 (1) and (2), 93.630 (3), and 93.700 (2) (b) 1.; *to amend* ATCP 93.020 (6) (b), 93.050 (1), (66), and (114) (k), 93.110 (1) (a), 93.140 (1), Table 93.1605, 93.200, Table 93.400, 93.400 (1) (c), 93.440 (4) (a) Intro., 93.615 (3) (b) 3., 93.610 (4), Table 93.615-A, Table 93.615-B, 93.630 (4), and Table 93.630; *relating to* storage of flammable, combustible, and hazardous liquids and affecting small businesses.

Analysis Prepared by the Department
of Agriculture, Trade and Consumer Protection

This rule implements Wis. Stat. ch. 168, subch. II, which is titled *Storage of Dangerous Substances*. That subchapter consists of Wis. Stat. §§ 168.21 to 168.28. DATCP is responsible for administering and enforcing that subchapter per Wis. Stat. § 168.21(2).

Statutes Interpreted

Statutes Interpreted: Wisconsin Stat. ch. 168, subch. II.

Statutory Authority

Wisconsin Stats. §§ 168.23 and 168.28(2), as well as Wis. Stat. § 93.07(1) and (2).

Explanation of Statutory Authority

The rule is authorized by Wis. Stat. §§ 168.23 and 168.28(2). Subsection (1) of Wis. Stat. § 168.23 directs the department to “promulgate by rule construction, maintenance and abandonment standards applicable to tanks for the storage, handling or use of liquids that are flammable or combustible or federally regulated hazardous substances, and to the property and facilities where the tanks are located.” Subsection (3) of the statute provides that rules promulgated under subsection (1) “may require the certification or registration of persons who install, remove, clean,

line, perform tightness testing on and inspect tanks and persons who perform site assessments.” Subsection (4) of the statute directs the department to promulgate rules specifying fees for plan review and inspection of tanks and for certifications and registrations required under subsection (3). Wisconsin Stat. § 168.28(2) directs the department to “develop uniform procedures for reporting the location of aboveground storage tanks and underground storage tanks.”

Moreover, Wis. Stat. § 93.07(1) imposes a duty on the department “[t]o make and enforce such regulations, not inconsistent with law, as it may deem necessary for the exercise and discharge of all the powers and duties of the department.” In addition, Wis. Stat. § 93.07(2) imposes a duty on the department “[t]o prescribe forms for all applications, notices and reports required to be made to the department or which are necessary in its work.”

Related Statutes and Rules

Wisconsin Admin. Code ch. ATCP 94 addresses petroleum and other liquid fuel products. Wisconsin Stat. § 168.21 defines various terms used in Wis. Admin. Code ch. ATCP 93. Wisconsin Stat. § 168.25 grants the Department the authority to enforce the statutes for storage of petroleum products and dangerous substances. Wisconsin Stat. § 168.28 (2) requires DATCP to undertake a program to inventory and determine the location of aboveground storage tanks and underground storage tanks. Wisconsin Admin. Code ch. SPS 314 (Wisconsin Fire Prevention Code) and requirements in Wis. Admin. Code chs. SPS 361 to 366 have an impact on aspects of this rule, and the proposed rule refers to those SPS rules when appropriate. The rule also refers to Wis. Admin. Code chs. NR 679, 811, and 812. Finally, Wis. Stat. § 227.29 (1) requires the Department to review the administrative rules promulgated or administered for rules that conflict with another rule, state statute, federal statute, or regulation.

Plain Language Analysis

Background

DATCP repealed and recreated ch. ATCP 93 in November 2019. This marked the last time DATCP revised the rule. Periodically, the Department updates rules to consider and usually to adopt the most recent versions of standards it incorporates into its rules by reference. This rule revision achieves that.

Rule Content

The Department of Agriculture, Trade and Consumer Protection (department) considered modifications to ch. ATCP 93 in three areas:

- Incorporation of Standards by Reference
- Resolution of 2017 Wisconsin Act 108 Issues
- Forms Management

Incorporation of Standards by Reference

Chapter ATCP 93 of Wisconsin Administrative Code incorporates industry standards by reference, and those standards frequently update due to recommended changes by experts in the industry. The department researched to discover which standards had updated since the November 2019 revision. The standards in question are generally accepted by industry and are readily available in published form through the publishers or online.

After reviewing the standards, DATCP chose to update all standards that had updated since the November 2019 revision. The decision alters the tables in Wis. Admin. Code § ATCP 93.200.

Resolution of 2017 Wisconsin Act 108 Issues

Wis. Stat. § 227.29 (1) requires the Department to review the administrative rules promulgated or administered for rules that conflict with another rule, state statute, federal statute, or regulation. In the department's March 31, 2021 letter to the Joint Committee on the Review of Administrative Rules (JCRAR), DATCP identified two areas. The first addressed issues with tank size, and the second specified authority granted by DATCP to those outside the agency who conduct inspections.

Until October 1, 2019, DATCP regulated aboveground storage tanks with a tank size of 110 gallons and higher through the regulatory framework of ch. ATCP 93. In compliance with DATCP's obligations under 2017 Wisconsin Act 108, DATCP identified that it cannot regulate aboveground storage tanks with a capacity of less than 5,000 gallons per Wis. Stat. § 168.22 (3). As such, DATCP ceased regulating such tanks on that date. The rule revision resolves the conflict.

Due to the complexity of the rule, provisions cross-reference and affect other portions of the rule. Therefore, the letter to JCRAR may not have identified all affected provisions. In that context, DATCP further reviewed the rule to discover if the change from 110 to 5,000 gallons affected other parts of ch. ATCP 93. It found it did and therefore required other changes throughout the chapter that had not been identified in the March 31, 2021 letter.

For years, DATCP has not solely inspected all tank systems in Wisconsin. Instead, the agency contracted with private entities as local program operators (LPOs) and permitted municipal entities to create their own inspection programs. Wisconsin Admin. Code § ATCP 93.110 (1) (a) authorized private entities to act with the authority of the department. However, since Wis. Stat. § 93.06(11)(a) does not authorize private entities to enforce DATCP rules, DATCP amended ATCP 93.110(1)(a). Since that work had been performed as part of an LPO contract, the definition of an LPO in Wis. Admin. Code § ATCP 93.050 (66) also changed to reflect that private entities cannot fulfill the function and only certain public entities can as well.

Forms Management

DATCP has adopted an internal procedure, Procedure Number 378, to fulfill its statutory forms management requirements under Wis. Stats. §§ 15.04 and 16.97. Since form numbers can frequently change and those changes require rulemaking if stated in the rule, DATCP considered

removing form numbers such as TR-WM-130 and TR-WM-133 from the rule. The *Manual* states:

1.12 Notes. (3) REFERENCES TO FORMS. If a rule requires a new or revised form, include a reference to the form in a note to the rule. The note should indicate the address that a person may write to, or the telephone number that a person may call, in order to obtain the form. If the form is available on the Internet, the note should indicate the website from which the form may be obtained. [See ss. 227.01 (13) (q) and 227.14 (3), Stats., for the treatment of forms in ch. 227, Stats.]

For this reason, DATCP considered eliminating references to form identification numbers in the substantive provisions of ch. ATCP 93 and only listing form identification numbers in notes to the rules explaining how to obtain forms. However, for ease of industry compliance and ease in enforcement, DATCP elected not to remove form identification numbers from the substantive rules and will continue to reference form identification numbers within the rule. DATCP has kept references in the Notes explaining how to obtain these forms. In this way, readers and users of the rule will find the forms readily.

Summary of and Comparison with Existing or Proposed Federal Statutes and Regulations

The federal government relies on many of the industry standards that DATCP proposes to adopt in the tables listed in Wis. Admin. Code § ATCP 93.200.

Federal regulations for both aboveground and underground storage tank systems address groundwater and surface water protection. The planned rule changes are not expected to conflict with these federal regulations.

Summary of Comments Received during the Public Hearing on Statement of Scope

The department received no comments to the scope either at the public hearing or in the comment period following.

Comparison with Rules in Adjacent States

Illinois

Illinois has a similar program reflected in administrative rules found in the Illinois Fire Protection code section (Title 41), particularly 41 Ill. Adm. Code 172 to 180.

Iowa

Iowa has a similar program as reflected in administrative rules found in code sections pertaining to the State Fire Marshal, particularly 661 Iowa Administrative Code sections 221 to 228. Other rules governing underground storage tanks appear in 567 Iowa Administrative Code sections 134 to 136, which pertain to the Iowa Department of Natural Resources.

Michigan

Michigan has a similar program as reflected in rules within the administrative code sections pertaining to the Michigan Department of Licensing and Regulatory Affairs, particularly Mich. Administrative Code R 29.2101 to 29.2174, R 29.5601 to R 29.5917, and R29.6101 to R 29.6156.

Minnesota

In Minnesota, administrative rules governing a similar program may be found in the Minnesota Pollution Control Agency section (Minnesota rules part 7105, Underground Storage Tanks; Training; part 7150, Underground Storage Tanks; Program; and part 7151, Aboveground Storage of Liquid Substances). To a limited degree, the State Fire Marshal, working out of the Minnesota Department of Public Safety, promulgates other rules dealing with the safety of storage tanks.

Summary of Factual Data and Analytical Methodologies

To develop this rule, the department reviewed all standards that had been updated since the prior rule revision. As this is a technical rule revision, no analyses needed to be done outside review of these standards.

Analysis and Supporting Documents used to Determine Effect on Small Business in Preparation of an Economic Impact Analysis

Chapter ATCP 93 incorporates approximately 75 standards by reference in the tables in § 200. Dependent on the nature of the entity, a business may need to purchase or access some of these standards but not all. Because the EPA requires many of the same standards, some businesses would likely bear this cost regardless of whether ch. ATCP 93 requires them or not. The cost of the updated standards cannot be determined because it would depend on individual buying decisions and circumstances of the regulated businesses and industries. For regulatory purposes, the State needs to purchase all standards. DATCP anticipates it will spend \$15,578 for standard purchase plus the shipping and handling. Reference copies for the Legislative Reference Bureau will double the costs.

Fiscal Estimate and Economic Impact Analysis

The Fiscal Estimate and Economic Impact Analysis is attached.

Effect on Small Business

A complete *regulatory flexibility analysis* is attached.

The department's Regulatory Review Coordinator may be contacted by:
Email at Bradford.Steine1@wisconsin.gov
Telephone at (608) 224-5024

Standards Incorporated by Reference

This rule updates numerous standards incorporated by reference to the most current standards. As required by Wis. Stat. ch. 227, consent will be received from the Attorney General to incorporate these standards by reference after the public hearings and prior to seeking the Governor's assent to the final draft rule. A copy of these documents will be kept on file with the department and with the Legislative Reference Bureau.

Department Contact

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Where Comments May Be Submitted

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After the final hearing, the department will accept formal written comments for an additional two weeks.

RULE TEXT

SECTION 1. ATCP 93.020 (6) (b) is amended to read:

(b) Aboveground storage tanks ~~and intermediate bulk containers~~ that have a capacity of less than ~~40~~ 5,000 gallons.

SECTION 2. ATCP 93.050 (1) is amended to read:

(1) "Aboveground storage tank" or "AST" means any vessel that has a liquid capacity of ~~40~~ 5,000 gallons or more, is intended for fixed installation, is not solely used for processing and does not meet the definition of an underground storage tank.

SECTION 3. ATCP 93.050 (59) is repealed.

SECTION 4. ATCP 93.050 (66) is amended to read:

(66) “Local program operator” or “LPO” means ~~an a public~~ a public entity, ~~either public or private,~~ under contract with the department to enforce the provisions of this chapter and provide tank system plan review and inspection services in a specific region of the state.

SECTION 5. ATCP 93.050 (114) (k) is amended to read:

(k) “Portable tank” means an aboveground closed vessel that has a liquid capacity of ~~40~~ 5,000 gallons or more; is not otherwise defined in this chapter; is equipped with skids, mountings or accessories to facilitate handling of the tank by mechanical means; and is not intended for fixed installation or for highway vehicle fueling. ~~“Portable tank” includes intermediate bulk containers.~~

SECTION 6. ATCP 93.100 (1) (b) 1., 3., 9., and 9. (Note) are repealed.

SECTION 7. ATCP 93.110 (1) (a) is amended to read:

(1) DEPARTMENT APPROVAL OF LPO. (a) With the approval of the chief elected municipal official, the municipality shall determine if a municipal department ~~or other agent approved by the department~~ will exercise jurisdiction over the provisions of this chapter as the local program operator.

SECTION 8. ATCP 93.140 (1) is amended to read:

(1) General. All new and existing storage tanks that are used to store a regulated substance shall be registered with the department, except this requirement does not apply to any of the following tanks:

(a) Aboveground tanks which have a capacity of less than ~~4,400~~ 5,000 gallons, ~~and which have any of the following characteristics:~~

~~1. Are farm tanks, or are located at and serve a construction project.~~

~~2. Are used to store heating oil or used oil, for consumptive use on the premises.~~

~~Note: Tanks that are not exempt from registration requirements under this paragraph include tanks which store heating oil as a backup fuel for natural gas fired boilers.~~

~~3. Are used to store Class III liquids other than used oil.~~

~~Note: There is no exemption for used oil unless it is consumed on the premises where stored. Therefore used oil storage tanks that have a capacity of 110 gallons or more must be registered.~~

~~4. Are located inside a building and are used for industrial processes, if that use occurs through piping which connects the tank to the process.~~

~~(b) Aboveground tanks which are used to store nonflammable or noncombustible federally regulated hazardous substances and which have a capacity of less than 5,000 gallons.~~

Note: The list of federally regulated hazardous substances covered in this subchapter, also known as the CERCLA List, is located in 40 CFR 302.4, Table 302.4.

Note: Registration is not required for aboveground or underground tanks that are used to store nonflammable and noncombustible federally regulated hazardous substances in concentrations of less than 1 percent by volume, because s. ATCP 93.020 (6) (o) excludes those tanks from this chapter.

(c) Tank vehicles.

~~(d) Tank wagons, portable tanks, and movable tanks that are located on a property for less than 24 months.~~

(e) Tanks that are located at an EPA superfund site.

Note: Per Wisconsin statutes, eligibility for Petroleum Environmental Cleanup Fund Act (PECFA) funds is conditioned upon prior tank registration.

SECTION 9. Table ATCP 93.1605 is amended to read:

Table 93.1605

Plan Examination and Inspection Fees for Liquid Storage Tanks

| Tank System Category | Plan Review Fee* | Installation Inspection Fee | Plan Revision Fee | Reinspection Fee |
|---|-------------------------|------------------------------------|--------------------------|-------------------------|
| Aggregate capacity of aboveground storage tanks equal to or less than 1,100 gallons installed on a farm premises with inspection in 5 days or less | \$0 | \$75 | \$0 | \$0 |
| Aggregate capacity of aboveground storage tanks equal to or less than 1,100 gallons installed on a farm premises with inspection in 2 days or less | \$0 | \$100 | \$0 | \$0 |
| Aggregate capacity equal to or less than 1,100 gallons | \$60 | \$100 | \$100 | \$100 |
| Aggregate capacity 1,101 gallons through 48,000 gallons capacity | \$125 | \$250 | \$100 | \$100 |

| | | | | |
|---|--------------------|-----------|-------|-------|
| Aggregate capacity 48,001 gallons through 80,000 gallons capacity | \$150 | \$300 | \$100 | \$100 |
| Aggregate capacity 80,001 gallons through 120,000 gallons capacity | \$180 | \$450 | \$120 | \$150 |
| Aggregate capacity 120,001 gallons capacity or greater | \$360 | \$600 | \$150 | \$200 |
| Addition of corrosion protection to an existing system | \$35 | \$100 | \$100 | \$100 |
| Conversion of existing system to a point-of-sale (POS) type of dispensing system** | \$35 | \$100 | \$100 | \$100 |
| Underground storage tank pre-lining inspection | Aggregate as above | \$50/tank | \$100 | \$100 |
| Upgrade, exchange or conversion of existing leak detection methodology to another approved methodology or manufacturer*** | \$35 | \$100 | \$100 | \$100 |
| Upgrade of secondary containment only, for tanks | \$150 | \$100 | \$100 | \$100 |
| Installation or modification of vent piping on existing system | \$60 | \$100 | \$100 | \$100 |

SECTION 10. ATCP 93.200 is amended to read:

ATCP 93.200 **Adoption of standards.** The standards listed in Tables 93.200–1 to 93.200–11 are incorporated by reference into this chapter.

Note: Copies of the adopted standards are on file in the offices of the department and the legislative reference bureau. Copies of the standards may be purchased through the respective organizations listed in Tables 93.200–1 to 93.200–11.

Table 93.200–1

| | |
|--|---|
| ACI American Concrete Institute PO Box 9094 Farmington Hills, MI 48333 | |
| Standard Reference Number | Title |
| 350.2R-04, except for section 6.3 <u>ACI PRC-350.2-21</u> | Concrete Structures for Containment of Hazardous Materials <u>Hazardous Material Containment in Concrete Structures</u> |

Table 93.200–2

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|---|--------------|
| API American Petroleum Institute 1220 L Street, NW Washington, DC 20005 | |
| Standard Reference | Title |

| Number | |
|--|--|
| 1. 570 (4th edition, 2016) | Piping Inspection Code: In-service Inspection, Rating, Repair, Alteration, and Rerating of In-service Piping Systems |
| 2. RP 575-14 20 <u>3rd 4th</u> edition, 2014 <u>2020</u>) | Guidelines and Methods for Inspection of Existing Atmospheric and Low-pressure Storage Tanks |
| 3. Std 650- 20 <u>With addenda 1 and 2</u> (13th edition, 2020) | Welded Steel Tanks for Oil Storage |
| 4. RP 651 (4th edition, 2014) | Cathodic Protection of Aboveground Petroleum Storage Tanks |
| 5. RP 652 (4th <u>5th</u> edition, 2014 <u>2020</u>) | Lining of Aboveground Petroleum Storage Tank Bottoms |
| 6. Std 653 (5th edition, 2014) | Tank Inspection, Repair, Alteration, and Reconstruction |
| 9. RP 1604 (3rd <u>4th</u> edition, 1996 <u>2021</u>) | Closure of Underground Petroleum Storage Tanks |
| 10. RP 1615 (6th edition, 2011) | Installation of Underground Petroleum Storage Systems, Sixth Edition |
| 11. RP 1621 (5th edition, 1993) | Bulk Liquid Stock Control at Retail Outlets |
| 12. RP 1626 [2nd edition, 2010 (with errata and addendum)] | Storing and Handling Ethanol and Gasoline-Ethanol Blends at Distribution Terminals and Filling Stations |
| 13. RP 1631 (Fifth edition, 2001) | Interior Lining and Periodic Inspection of Underground Storage Tanks |

| | |
|--|--|
| 14. RP 1632 (3rd edition, 1996, R 2010) | Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems |
| 15. RP 1637 (3rd 4th edition, 2006 2020) | Using the API Color–Symbol System to Mark Equipment and Vehicles for Product Identification at Gasoline Dispensing Facilities and Distribution Terminals |
| 16. Std 2000 (7th edition, 2014) | Venting Atmospheric and Low–Pressure Storage Tanks |
| 17. Std 2015 (8th edition, 2018) | Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks |
| 18. RP 2200 (5th edition, 2015) | Repairing Hazardous Liquid Pipelines |
| 19. Std 2350 (4th 5th edition, 2012 2020) | Overfill Protection for Storage Tanks in Petroleum Facilities |
| 20. Std 2610 (2nd 3rd edition, 2005 2018) | Design, Construction, Operation, Maintenance, and Inspection of Terminal and Tank Facilities |

Table 93.200–3

| | |
|---|--------------|
| ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428 | |
| Standard Reference Number | Title |

| | |
|---------------------------------|--|
| G158-98 (2016 2021) | Standard Guide for Three Methods of Assessing Buried Steel Tanks |
|---------------------------------|--|

Table 93.200-3j

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| EI | |
| Energy Institute 61 New Cavendish Street London W1G 7AR, UK | |
| Standard Reference Number | Title |
| 1. EI 1529 (7th edition, 2014) | Aviation fuelling hose and hose assemblies |
| 2. EI 1542 (9th edition, 2012) | Identification markings for dedicated aviation fuel manufacturing and distribution facilities, airport storage and mobile fuelling equipment |

Table 93.200-3r

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|---|--|
| HIR Technical Services | |
| H.I.R. Technical Services P.O. Box 611 Titusville, PA 16354 | |
| Standard Reference Number | Title |
| HIR FTV RP 2007 | In-service Inspection of Aboveground Atmospheric Fiberglass Reinforced Plastic Tanks and Vessels |

Table 93.200-4

| | |
|----------------------------------|--|
| KWA | |
| Ken Wilcox Associates | |
| 1125 Valley Ridge Drive | |
| Grain Valley, MO 64029 | |
| Standard Reference Number | Title |
| 1999 Version | Recommended Practice for Inspecting Buried Lined Steel Tanks Using a Video Camera |

Table 93.200–5

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|----------------------------------|---|
| NACE | |
| NACE International | |
| 1440 South Creek Drive | |
| Houston, TX 77084–4906 | |
| Standard Reference Number | Title |
| 1. SP0169–2013 | Control of External Corrosion on Underground or Submerged Metallic Piping Systems |
| 2. SP0178–2007 | Design, Fabrication, and Surface Finish Practices for Tanks and Vessels to Be Lined for Immersion Service |
| 3. SP0188–2006 | Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates |
| 4. SP0193–2016 | Application of Cathodic Protection to Control External Cathodic Protection of Carbon Steel On–Grade Storage Tank Bottoms |

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|--|--|
| 5. SP0285– 2011 <u>2021</u> | External Corrosion Control of Underground Storage Tank Systems by Cathodic Protection |
| 6. SP0286–2007 | Electrical Isolation of Cathodically Protected Pipelines |
| 6m. TM0101–2012 | Measurement Techniques Related to Criteria for Cathodic Protection on Underground or Submerged Metallic Tank Systems |
| 7. TM0497– 2012 <u>2022</u> | Measurement Techniques Related to Criteria for Cathodic Protection on Underground or Submerged Metallic Piping Systems |

Table 93.200–6

| | |
|---|---|
| <p>NFPA® National Fire Protection Association® One Batterymarch Park Quincy, MA 02269</p> | |
| Standard Reference Number | Title |
| 1. 10 (2018 <u>2022</u>) | Standard for Portable Fire Extinguishers |
| 1m. 20 (2016 <u>2022</u>) | Standard for the Installation of Stationary Pumps for Fire Protection |
| 2. 30 (2018 <u>2021</u>) | Flammable and Combustible Liquids Code |
| 3. 30A (2018 <u>2021</u>) | Code for Motor Fuel Dispensing Facilities and Repair Garages |
| 4. 30B (2015 <u>2019</u>) | Code for the Manufacture and Storage of Aerosol Products |

| | |
|--|---|
| 5. 31 (2016 <u>2020</u>) | Standard for the Installation of Oil-Burning Equipment |
| 5m. 35 (2016 <u>2021</u>) | Standard for the Manufacture of Organic Coatings |
| 6. 37 (2018 <u>2021</u>) | Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines |
| 7. 68 (2018) | Standard on Explosion Protection by Deflagration Venting |
| 8. 110 (2016 <u>2022</u>) | Standard for Emergency and Standby Power Systems |
| 9. 326 (2015 <u>2020</u>) | Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair |
| 10. 385 (2017 <u>2022</u>) | Standard for Tank Vehicles for Flammable and Combustible Liquids |
| 11. 407 (2017 <u>2022</u>) | Standard for Aircraft Fuel Servicing |
| 12. 410 (2015 <u>2020</u>) - Chapter 6 only | Standard on Aircraft Maintenance |
| 13. 418 (2016 <u>2021</u>) | Standard for Heliports |
| 14. 704 (2017 <u>2022</u>) | Standard System for the Identification of the Hazards of Materials for Emergency Response |

Table 93.200-7

PEI
Petroleum Equipment Institute
PO Box 2380
Tulsa, OK 74101

| Standard Reference Number | Title |
|-------------------------------------|---|
| 1. RP100- 17 <u>22</u> | Recommended Practices for Installation of Underground Liquid Storage Systems |
| 2. RP200- 13 <u>19</u> | Recommended Practices for Installation of Aboveground Storage Systems for Motor-Vehicle Fueling |
| 3. RP300- 09 <u>19</u> | Recommended Practices for Installation and Testing of Vapor-Recovery Systems at Vehicle-Fueling Sites |
| 4. RP400- 18 <u>23</u> | Recommended Procedure for Testing Electrical Continuity of Fuel-Dispensing Hanging Hardware |
| 5. RP500- 11 <u>19</u> | Recommended Practices for Inspection and Maintenance of Motor Fuel Dispensing Equipment |
| 6. RP600- 12 <u>18</u> | Recommended Practices for Overfill Prevention for Shop-Fabricated Aboveground Tanks |
| 7. RP800- 13 <u>20</u> | Recommended Practices for Installation of Bulk Storage Plants |
| 8. RP900- 17 <u>21</u> | Recommended Practices for the Inspection and Maintenance of UST Systems |
| 9. RP1000- 14 <u>22</u> | Recommended Practices for the Installation of Marina Fueling Systems |
| 10. RP1200- 17 <u>19</u> | Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities |

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|-------------------------------|---|
| 11. RP1300- 13 -20 | Recommended Practices for the Design, Installation, Service, Repair and Maintenance of Aviation Fueling Systems |
| 12. RP1400- 14 -21 | Recommended Practices for the Design and Installation of Fueling Systems for Emergency Generators, Stationary Diesel Engines and Oil Burner Systems |

Table 93.200-8

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|--|---|
| SSPC The Society for Protective Coatings 40 24th Street Pittsburgh, PA 15222 | |
| Standard Reference Number | Title |
| VIS 2 (2001) | Standard Method of Evaluating Degree of Rusting on Painted Steel Surfaces |

Table 93.200-9

| | |
|---|--------------|
| STI Steel Tank Institute 944 Donata Court Lake Zurich, IL 60047 | |
| Standard Reference Number | Title |

| | |
|--|--|
| 1m. R012 (2007 <u>2016</u>) | Recommended Practice for Interstitial Tightness Testing of Existing Underground Double Wall Steel Tanks |
| 2. R051 (2017) | Cathodic Protection Testing Procedures for sti-P3® USTs |
| 4e. R111 (2016) | Storage Tank Maintenance |
| 4m. R892 (2006) | Recommended Practices for Corrosion Protection of Underground Piping Networks Associated with Liquid Storage and Dispensing Systems |
| 4s. R972 (2010) | Recommended Practice for the Addition of Supplemental Anodes to sti- P3® USTs |
| 5. SP001 (6th Edition, 2018) | Standard for the Inspection of Aboveground Storage Tanks |
| 6. SP031 (2018) | Standard for Repair of Shop-Fabricated Aboveground Tanks for Storage of Flammable and Combustible Liquids |
| 7. SP131 (2014) | Standard for Inspection, Repair and Modification of Shop-Fabricated Underground Tanks for Storage of Flammable and Combustible Liquids |

Table 93.200-10

UL
Underwriters Laboratories Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096

| Standard Reference Number | Title |
|------------------------------------|--|
| 1. UL 142 (2006 2019) | Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids |
| 2. UL 971 (1995) | Nonmetallic Underground Piping for Flammable Liquids |
| 3. UL 1746 (2007) | Standard for External Corrosion Protection Systems For Steel Underground Storage Tanks |
| 4. UL 1856 (2013 2020) | Outline of Investigation for Underground Fuel Tank Internal Retrofit Systems |
| 5. UL 2080 (2000) | Standard for Fire Resistant Tanks for Flammable and Combustible Liquids |
| 6. UL 2085 (1997) | Standard for Protected Aboveground Tanks for Flammable and Combustible Liquids |
| 7. UL 2258 (2010) | Nonmetallic Tanks for Oil-Burner Fuels and Other Combustible Liquids |

Table 93.200-11

| <p>U.S. Department of Energy</p> <p>1000 Independence Ave. SW</p> <p>Washington DC 20585</p> | |
|---|-------|
| Standard Reference Number | Title |

| | |
|--|--|
| 1. DOE/GO 102016-4854 (February 2016) | Handbook for Handling, Storing, and Dispensing E85 and Other Ethanol-Gasoline Blends |
| 2. DOE/GO 102016-4875 (Fifth Edition, Revised, November 2016) | Biodiesel Handling and Use Guide |

SECTION 11. Table ATCP 93.400 is amended to read:

| Tank Capacity in Gallons | Distance From Which the Label Shall Be Visible | Minimum Size of Label |
|--------------------------|--|-----------------------|
| Up to 5,000 | 75 feet | 5" x 5" |
| 5,001 to 50,000 | 100 feet | 10" x 10" |
| 50,001 to 250,000 | 200 feet | 12" x 12" |
| Greater than 250,000 | 300 feet | 15" x 15" |

SECTION 12. ATCP 93.400 (1) (c) is amended to read:

(c) Tanks for Class IIIB liquids. Tanks which have a capacity of ~~4,100~~ 5,000 gallons or more and which are used for aboveground storage of Class IIIB liquids shall be listed or shall be acceptable to the department.

SECTION 13. ATCP 93.440 (3) (a) 2. b. is repealed.

SECTION 14. ATCP 93.440 (4) (a) Intro is amended to read:

(a) The owner or operator of all nonmetallic aboveground storage tanks — including concrete, tile-lined, fiber-reinforced plastic, and homogeneous plastic tanks — that have a

capacity of ~~1,100~~ 5,000 gallons or more shall have the tanks inspected in accordance with all of the following:

SECTION 15. ATCP 93.465 (2) (b) is repealed.

SECTION 16. ATCP 93.610 (1) and (2) are repealed.

SECTION 17. ATCP 93.610 (4) is amended to read:

(4) OTHER MOBILE TANKS. Written approval shall be obtained from the department before dispensing fuel from any mobile tank that is not addressed in ~~subs. (1) to sub. (3)~~.

SECTION 18. ATCP 93.615 (3) (b) 3. is amended to read:

3. Fueling from aboveground tanks at a farm premises or a construction project, which have a capacity of ~~1,100~~ 5,000 gallons or more or which do not meet the required setbacks.

SECTION 19. Table ATCP 93.615-A is amended to read:

| Type of Tank | Individual Tank Capacity (gal) | Setback from Nearest Important Building on Same Property (ft) | Setback from Nearest Retail 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 ¹ | 0 <u>5,000</u> –15,000 | 0 | 0 | 0 | 0 | Separate compartment for each tank |

| | | | | | | |
|-----------------------------|-----------------------|---------------|---------------|---------------|---------------|--------------|
| Protected ² | 0 <u>5,000</u> –6,000 | 5 | 0 | 15 | 5 | 3 |
| | 6,001–12,000 | 15 | 0 | 25 | 15 | 3 |
| Fire-Resistant ³ | 0–2,000 | 25 | 25 | 25 | 25 | 3 |
| | 2,001 | 25 | 25 | 50 | 25 | 3 |
| | <u>5,000</u> –12,000 | | | | | |
| Other code-complying tank | 0–2,000 | 25 | 30 | 50 | 50 | 3 |
| | 2,001 | 50 | 50 | 100 | 50 | 3 |
| | <u>5,000</u> –12,000 | | | | | |

SECTION 20. Table ATCP 93.615-B is amended to read:

| 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 ¹ | 0 <u>5,000</u> –15,000 | 0 | 0 | 0 | 0 | Separate compartment for each tank |

| | | | | | | |
|-----------------------------|--|---------------|--------------|---------------|---------------|--------------|
| Protected ² | 0 <u>5,000</u> –6,000 | 5 | 0 | 15 | 5 | 3 |
| | 6,001–12,000 | 15 | 0 | 25 | 15 | 3 |
| Fire-Resistant ³ | 0–2,000 | 25 | 0 | 25 | 25 | 3 |
| | 2,001 | 25 | 0 | 50 | 25 | 3 |
| | <u>5,000</u> –12,000 | | | | | |
| Other code-complying tank | 12,000 for Class I 20,000 for Class II or III | 25 | 0 | 50 | 25 | 3 |

SECTION 21. ATCP 93.630 (3) is repealed.

SECTION 22. ATCP 93.630 (4) is amended to read:

(4) TANKS OF ~~1,100~~ 5,000 GALLONS OR MORE, ~~OR LOCATED LESS THAN 40 FEET FROM BUILDINGS.~~ Aboveground tanks which have a capacity of ~~1,100~~ 5,000 gallons or more, ~~or which~~ and are located less than 40 feet from either the buildings and structures listed in sub. (2) (a) or important buildings or structures, shall comply with all of the following:

SECTION 23. Table ATCP 93.630 is amended to read:

Table 93.630

Tank System Setbacks for Tanks with Secondary Containment

| | | |
|------------------------------|--|---|
| Aggregate Capacity (gallons) | Distance to Nearest Building, Haystack, or Combustible Structure or Nearest Side of Any Public Way | Distance to Property Line That Is or Can Be Built Upon, Including the Opposite Side of a Public Way |
|------------------------------|--|---|

| | | |
|-------------------------------------|--|--------------------|
| 275 or less | 5 feet | 5 feet |
| 276 –750 | 5 feet | 10 feet |
| 751 <u>5,000</u> –12,000 | 5 feet | 15 feet |
| 12,001–30,000 | 5 feet | 20 feet |
| Any size | The minimum setback between multiple tank fueling systems is 200 feet. | |

SECTION 24. ATCP 93.700 (2) (b) 1. is repealed.

SECTION 25. EFFECTIVE DATE: This rule takes effect on the first day of the month following publication.

(END OF RULE TEXT)