

CHAPTER 455G

FUEL STORAGE TANKS AND DISPENSING INFRASTRUCTURE

Legislative findings; legislative intent; conditions upon finding of invalidity; 89 Acts, ch 131, §1, 2, 59 Regulation of aboveground flammable or combustible liquid storage tanks, chapter 101, subchapter II

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SUBCHAPTER II ABOVEGROUND PETROLEUM STORAGE TANK FUND

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SUBCHAPTER III  
RENEWABLE FUEL STORAGE AND  
DISPENSING INFRASTRUCTURE

**455G.30 Definitions.**

As used in [this subchapter](#), unless the context otherwise requires:

1. “*Biodiesel blended fuel*” means the same as defined in [section 214A.1](#).
2. “*Department*” means the department of natural resources.
3. “*Diesel fuel*” means the same as defined in [section 214A.1](#).
4. “*Diesel fuel storage and dispensing infrastructure*” or “*diesel infrastructure*” means motor fuel storage and dispensing infrastructure as defined in [section 214.1](#) used to store and dispense diesel fuel, including biodiesel blended diesel fuel, at a retail motor fuel site as defined in [section 214A.1](#).
5. “*Dispenser breakaway*” means the part of gasoline storage and dispensing infrastructure that acts to immediately stop the flow of motor fuel from its storage system to its dispenser in the event that its dispensing hose or associated hanging infrastructure becomes detached, including when a vehicle pulls away from the dispenser while its nozzle is attached to the vehicle.
6. “*E-85 gasoline*” means the same as defined in [section 214A.1](#).
7. “*Ethanol blended gasoline*” means the same as defined in [section 214A.1](#).
8. “*Gasoline storage and dispensing infrastructure*” or “*gasoline infrastructure*” means the same as defined in [section 214A.1](#).
9. “*Retail dealer*” means the same as defined in [section 214A.1](#).
10. “*Shear valve*” means the part of gasoline storage and dispensing infrastructure that acts to immediately stop the flow of motor fuel from its storage system to its dispenser in the event of an emergency hazard, including but not limited to a vehicle impacting the dispenser or a fire.

[2022 Acts, ch 1067, §25, 31; 2024 Acts, ch 1183, §2, 7](#)

**455G.31 E-85 gasoline storage and dispensing infrastructure.**

1. Ethanol blended gasoline shall be classified in the same manner as provided in [section 214A.2](#).

2. Subject to [section 455G.32](#), a retail dealer may use gasoline storage and dispensing infrastructure to store and dispense ethanol blended gasoline classified as E-9 or higher if the department, or the director of the department of inspections, appeals, and licensing under [chapter 101](#), determines that the gasoline infrastructure is compatible with the classification of ethanol blended gasoline being used.

[2006 Acts, ch 1142, §25; 2006 Acts, ch 1185, §122; 2007 Acts, ch 22, §80; 2007 Acts, ch 211, §47 – 49; 2008 Acts, ch 1169, §22 – 25, 30; 2009 Acts, ch 105, §1; 2011 Acts, ch 34, §104; 2013 Acts, ch 90, §136; 2018 Acts, ch 1026, §142; 2022 Acts, ch 1067, §26 – 28, 31; 2022 Acts, ch 1152, §21; 2023 Acts, ch 19, §1662; 2024 Acts, ch 1183, §3, 7](#)

Referred to in [§323.1, 323.4A](#)

**455G.32 Ethanol blended gasoline — compatible infrastructure — compliance requirement.**

1. A retail dealer shall not install, replace, or convert gasoline storage and dispensing infrastructure used to store and dispense ethanol blended gasoline classified as E-15 or higher, unless the installed, replaced, or converted gasoline infrastructure, that includes all parts prior to the point where the dispenser breakaway ends, is capable of storing and dispensing E-85 gasoline.

2. *a.* Notwithstanding [subsection 1](#), a retail dealer may install, replace, or convert any part of the gasoline infrastructure beginning at a point where the shear valve ends and continuing until the point where the dispenser breakaway ends that is incompatible with E-85 gasoline. However, that part of the gasoline infrastructure must be compatible with the following:

(1) (a) Ethanol blended gasoline classified as E-15 or higher.

(b) This subparagraph is repealed January 1, 2026.

(2) (a) Ethanol blended gasoline classified as E-40 or higher.

(b) This subparagraph shall be implemented beginning January 1, 2026.

*b.* [This subsection](#) is repealed July 1, 2030.

3. The gasoline infrastructure must be all of the following:

*a.* Listed as compatible for use with ethanol blended gasoline classified for that part of the gasoline infrastructure as provided in [subsection 1](#) by an independent testing laboratory or as approved by the manufacturer.

*b.* Approved by the department or the director of the department of inspections, appeals, and licensing subject to conditions determined necessary by the department or the director of the department of inspections, appeals, and licensing. The department or the director of the department of inspections, appeals, and licensing may waive the requirement in paragraph “*a*” upon satisfaction that a substitute requirement serves the same purpose.

[2022 Acts, ch 1067, §29, 31; 2024 Acts, ch 1183, §4, 7](#)

Referred to in [§455G.31](#)

Motor fuel infrastructure programs and requirements for ethanol blended gasoline dispensed at retail motor fuel sites, see [chapter 159A, subchapter III](#), and [chapter 214A, subchapter III](#)

**455G.33 B-20 diesel fuel compatible infrastructure — compliance requirement.**

1. A retail dealer shall not install, replace, or convert diesel fuel storage and dispensing infrastructure unless the installed, replaced, or converted diesel fuel infrastructure is capable of storing and dispensing biodiesel blended fuel classified as B-20 or higher.

2. The infrastructure must be all of the following:

*a.* Listed as compatible for use with biodiesel blended fuel classified as B-20 or higher by an independent testing laboratory or as approved by the manufacturer.

*b.* Approved by the department, or director of the department of inspections, appeals, and licensing under [chapter 101](#), subject to conditions determined necessary by the department or director of the department of inspections, appeals, and licensing. The department or director of the department of inspections, appeals, and licensing may waive the requirement in paragraph “*a*” upon satisfaction that a substitute requirement serves the same purpose.

[2022 Acts, ch 1067, §30, 31; 2023 Acts, ch 19, §1663; 2024 Acts, ch 1183, §5, 7](#)

Motor fuel infrastructure programs and requirements for biodiesel blended fuel dispensed at retail motor fuel sites, see [chapter 159A, subchapter III](#)