CHAPTER 33.1-15-07
CONTROL OF ORGANIC COMPOUNDS EMISSIONS

Section
33.1-15-07-01 Requirements for Construction of Organic Compounds Facilities
33.1-15-07-02 Requirements for Organic Compounds Gas Disposal

33.1-15-07-01. Requirements for construction of organic compounds facilities.

1. **Scope.** This section applies only to those facilities considered "new" as defined in section 33.1-15-01-04.

2. **Water separation from petroleum products.** No person may build or install any single or multiple compartment volatile organic compounds - water separator which normally receives effluent water containing two hundred gallons [757.08 liters] per day or more of any volatile organic liquid from any equipment processing, refining, treating, storing, or handling volatile organic compounds unless such compartment is equipped with a closed-vent system and control device as defined in 40 CFR, part 60, subpart QQQ, section 60.691, as adopted in chapter 33.1-15-12, or a floating roof as described in 40 CFR, part 60, subpart QQQ, section 60.693-2, as adopted in chapter 33.1-15-12, which is properly installed and in good working order. For the purposes of this section, a volatile organic compounds - water separator means a device used to separate an oil water mixture into its separate components, which include volatile organic compounds and water, by gravity separation and skimming.

3. **Submerged fill pipes required.** No person may build or install or permit the building or installation of a stationary volatile organic compounds storage tank with a capacity of one thousand gallons [3,785.41 liters] or more unless such tank is equipped with a submerged fill pipe during filling operations or is a pressure tank as described in 40 CFR, part 60, subpart K, subparagraph 60.111(a)(1), as adopted in chapter 33.1-15-12, or fitted with a vapor recovery system also defined in 40 CFR, part 60, subpart K, paragraph 60.111(k), as adopted in chapter 33.1-15-12.

4. **Volatile organic compounds loading facilities.** No person may build or install or permit the building or installation of volatile organic compounds tank car or tank truck loading facilities handling twenty thousand gallons [75,708.24 liters] per day or more unless such facilities are operated with a submerged filling arm or other vapor emission control system. Any emissions control system utilized must have a minimum control efficiency necessary to meet the requirements of chapters 33.1-15-02 and 33.1-15-16.

5. **Pumps and compressors.** All rotating pumps and compressors handling volatile organic compounds must be equipped and operated with properly maintained seals designed for their specific product service and operating conditions.

History: Effective January 1, 2019.
General Authority: NDCC 23.1-06-04; S.L. 2017, ch. 199, § 1
Law Implemented: NDCC 23.1-06-04; S.L. 2017, ch. 199, § 21

33.1-15-07-02. Requirements for organic compounds gas disposal.

1. No person may cause or permit the emission of organic compounds gases and vapors, except from an emergency vapor blowdown system or emergency relief system, unless these gases and vapors are burned by flares, or an equally effective control device as approved by the department. Minor sources, as determined by the department and not subject to New Source Performance Standards (NSPS), may be granted exemptions to this subsection.

2. Organic compounds gases and vapors which are generated as wastes as the result of storage, refining, or processing operations and which contain hydrogen sulfide, shall be incinerated, flared, or treated in an equally effective manner before being released to the ambient air. The emissions from all devices designed for incinerating, flaring, or treating waste organic compounds gases and vapors shall result in compliance with chapters 33.1-15-02 and 33.1-15-16.

3. Each flare required under this section must be equipped and operated with an automatic igniter or a continuous burning pilot.

History: Effective January 1, 2019.
General Authority: NDCC 23.1-06-04; S.L. 2017, ch. 199, § 1
Law Implemented: NDCC 23.1-06-04; S.L. 2017, ch. 199, § 21