MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

PART 6. EMISSION LIMITATIONS AND PROHIBITIONS— EXISTING SOURCES OF VOLATILE ORGANIC COMPOUND EMISSIONS

R 336.1627 Delivery vessels; vapor collection systems.

Rule 627. (1) A person shall not operate any delivery vessel that is subject to control by a vapor collection system, either vapor balance or recovery system, required by R 336.1606, R 336.1607, R 336.1608, R 336.1609, R 336.1703, R 336.1704, R 336.1705, or R 336.1706, unless all of the provisions of this rule are met.

(2) Delivery vessels shall comply with all requirements described in the U.S. Environmental Protection Agency Method 27, as adopted by reference in R 336.2004(1)(u).

(3) The owner of any delivery vessel that is subject to subrule (1) of this rule shall test the delivery vessel in accordance with R 336.2004(1)(u) within 1 year of the date of the previous test. Notification of the exact time and location of the test shall be given to the department, in writing, not less than 7 days before the actual test. If the time or location of the test changes for any reason, then the owner or operator shall notify the department as soon as practical.

(4) The test shall comply with documentation requirements described in the U.S. Environmental Protection Agency Method 27 and shall be submitted to the department within 30 days of the test completion and in a form acceptable to the department. Upon successful completion of the required testing, the vessel shall be deemed provisionally certified providing the department does not invalidate the certification by issuing disapproval within 45 days of receipt of the results.

(5) There shall be no visible liquid leaks from the vessel or collection system, except when the disconnection of dry breaks in liquid lines produces a few drops of liquid.

(6) A person shall not operate any vapor collection system, either vapor balance or recovery system, required by R 336.1606, R 336.1607, R 336.1608, R 336.1609, R 336.1703, R 336.1704, R 336.1705, or R 336.1706, unless all of the provisions of subrules (7) to (11) of this rule are met.

(7) There shall be no gas detector reading greater than or equal to 100% of the lower explosive limit at a distance of 1 inch from the location of the potential leak in the vapor collection system. Leaks shall be detected by a combustible gas detector using the test procedure described in R 336.2005.

(8) There shall be no visible leaks, except from the disconnection of bottom loading dry breaks and from raising top loading vapor heads, where a few drops are permitted.

(9) The vapor collection system shall be designed and operated to prevent gauge pressure in the delivery vessel from exceeding 0.6 pounds per square inch and to prevent vacuum from exceeding -0.2 pounds per square inch gauge.

(10) The department may require the owner or operator of any vapor collection system subject to the provisions of subrule (6) of this rule to test the system in accordance with R 336.2005. The tests shall be conducted within 60 days following receipt of written notification from the department. Notification of the exact time and location of the test shall be given to the department, in writing, not less than 7 days before the actual test. Documentation of the test that

states the date and location of the test, test procedures, the type of equipment used, and the results of the test shall be submitted to the department within 60 days following the last date of the test. If the time or location of the test changes for any reason, then the owner or operator shall notify the department as soon as practical.

(11) Any delivery vessel or component of a vapor collection system that fails to meet any provision of this rule shall not be operated until the necessary repairs have been made, the vessel or collection system has been retested, and the test results have been submitted to the department.

History: 1979 ACS 7, Eff. Aug. 22, 1981; 1993 MR 4, Eff. Apr. 28, 1993; 2002 MR 5, Eff. Mar. 19, 2002; 2006 MR 4, Eff. Feb. 22, 2006.