

Revised Draft of Section 36.5 of Reg 1124
for Vapor Recovery at Gasoline Dispensing Facilities

June 25, 2014

36.5 Monitoring Requirements and Corrective Action

36.5.1 The owner or operator of any gasoline dispensing facility identified in 36.1.4.2 of this regulation shall design, install, operate, and maintain a continuous pressure monitoring (CPM) system as identified in Exhibit 1, Section II of CARB Executive Order VR-202-P, dated December 10, 2013, hereby incorporated by reference, to include a console with leak detection software, a vapor pressure sensor, and an automatic tank gauge.

36.5.1.1 The CPM system shall be operational a minimum of 95% of the time on a monthly basis and shall calculate and record the percentage of CPM up-time.

36.5.1.2 The CPM system shall be capable of assessing the rates of vapor leakage from the tank system at any working ullage pressure, both positive and negative.

36.5.2 The CPM system shall assess, on a weekly basis, the tank system leak rate and pressure profile.

36.5.3 When the tank system leaks at a rate which is greater than the rate specified in 36.4.2 of this regulation, or when the tank system pressure is greater than the pressure specified in 36.4.3 of this regulation, then:

36.5.3.1 The CPM system shall activate a warning alarm, and shall record the event. The owner or operator shall correct the excessive leak rate or pressure within one week of the first warning alarm, reset the CPM system once the correction has been made, and the CPM system shall record the event.

36.5.3.2 Following a corrective action pursuant to 36.5.3.1 of this regulation, the CPM system shall recommence monitoring the tank system. If after one week the tank system again fails to meet the requirements of 36.4 of this regulation the CPM system shall activate a second warning alarm, and shall record the event. The owner or operator shall use a testing company certified pursuant to 36.8 of this regulation to determine if the excessive leak rate or pressure is due to malfunctioning system components, or the vapor escaping through a correctly functioning p/v valve.

36.5.3.3.1 If the excessive leak rate or pressure is due to malfunctioning system components, the owner or operator shall use a testing company certified pursuant to 36.8 of this regulation to correct the excessive leak rate or pressure within one week of the second warning alarm, reset the CPM system once the correction has been made, and the CPM system shall record the event, or

36.5.3.3.2 If the excessive leak rate or pressure is due to vapor escaping through a correctly function p/v valve, the owner or operator shall within two weeks of the second warning alarm develop and submit to the Department a resolution plan which demonstrates to the Department how the requirements of 36.4 are to be met, which may be based on the installation of a higher crack point p/v valve, a pressure management system, or any other strategy approved by the Department and EPA, and a compliance schedule. Upon approval of the resolution plan by the Department, the owner or operator shall comply with the resolution plan, reset the CPM system, and the CPM system shall record the event.

36.5.3.3 Following a corrective action pursuant to 36.5.3.2 of this regulation, the CPM system shall recommence assessing, on a weekly basis, the tank system leak rate and pressure profile.