

### 5.7.2 Control Devices - Cover Vented

The owner or operator who controls air pollutant emissions using a cover vented to a control device there are certain requirements that must be met.

The surface impoundment shall have a cover and vented directly through a closed-vent system to a control device. The cover and its closure devices shall be designed to form a continuous barrier over the entire surface area of the liquid in the surface impoundment.

Each opening in the cover which is not vented to the control device shall be equipped with a closure device. The pressure in the vapor headspace underneath the cover as it relates to the atmospheric pressure in the vapor headspace when the closure device is operating must be determined to identify additional requirements. If the pressure is less than the atmospheric pressure, the closure device must be designed to operate such that when the closure device is secured in the closed position no visible cracks, holes, gaps or other open spaces in the closure devices or between the perimeter of the cover opening and the closure device. If the pressure is equal to or greater than atmospheric pressure when the control device is operating, the closure device shall be designed to operate with no detectable organic emissions use [Method 21](#) of [40 CFR Part 60, Appendix A](#). The test is performed when the unit contains hazardous waste with an organic concentration representative of the range of concentrations for the hazardous waste expected to be managed in the unit. Ensure that the cover and closure devices are secured in the closed position during the test. The detection equipment should be calibrated each day it is used and must meet the performance criteria of [Method 21](#), with one exception. The instrument response factor criteria in section 3.1.2(a) of [Method 21](#) shall be for the average composition of the organic constituents in the hazardous waste placed in the waste management unit, not for each individual organic constituent.

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