

4.2.3 Pressure Relief Devices in Gas/ Vapor Service (264.1054 and 265.1054)

Pressure relief devices in gas/vapor service must be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background as determined by using *Method 21*. The only exception to this is during a pressure release when the device functions according to its design. After each pressure release, the pressure relief device must be returned to a condition of no detectable emissions, as indicated with an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than five calendar days after each pressure release.

If the pressure relief device is equipped with a closed-vent system which is capable of capturing and transporting leakage from the pressure relief device to a control device, the pressure relief device is exempt from the instrument monitoring requirement.