Carbon Adsorber Weekly Log Perchloroethylene Dry Cleaners

Date	Inspector's Name	Machine Number	Measured Concentration (ppm)	Required Concentration Less than 100 ¹ /300 ² ppm?

¹NESHAP M, §63.323(b) requires that "(w)hen a carbon adsorber is used to comply with §63.322(a)(2) or **exhaust is passed through a carbon adsorber immediately upon machine door opening** *[emphasis added]* to comply with §63.322(b)(3) or §63.322(o)(2), the owner or operator shall measure the concentration of PCE in the exhaust of the carbon adsorber weekly with a colorimetric detector tube or PCE gas analyzer. The measurement shall be taken while the dry cleaning machine is venting to that carbon adsorber at the end of the last dry cleaning cycle prior to desorption of that carbon adsorber or removal of the activated carbon to determine that the PCE concentration in the exhaust is equal to or less than 100 parts per million by volume. The owner or operator shall ... (u)se a colorimetric detector tube or PCE gas analyzer designed to measure a concentration of 100 parts per million by volume of PCE in air to an accuracy of ±25 parts per million by volume."

²NESHAP M, §63.323(c) requires that "(i)f the air-PCE **gas vapor stream is passed through a carbon adsorber prior to machine door opening** *[emphasis added]* to comply with §63.322(b)(3) or §63.322(o)(2), the owner or operator of an affected facility shall measure the concentration of PCE in the dry cleaning machine drum at the end of the dry cleaning cycle weekly with a colorimetric detector tube or PCE gas analyzer to determine that the PCE concentration is equal to or less than 300 parts per million by volume. The owner or operator shall ... (u)se a colorimetric detector tube or PCE gas analyzer designed to measure a concentration of 300 parts per million by volume of PCE in air to an accuracy of \pm 75 parts per million by volume."

If the measured concentration is greater than the value specified above, you should make repairs or adjustments and log all changes. Any needed repair parts must be ordered within 2 working days of detecting such a parameter value, and must be installed within 5 working days after receipt.