

3745-89-01 **Definitions.**

"Director," "gross alpha particle activity," "gross beta particle activity," "total trihalomethanes," and all other terms defined in rule 3745-81-01 of the Administrative Code have the same definitions in this chapter.

- (A) "Certificate of approval" means a document identifying drinking water analyses, identifying the effective period of a laboratory certification for those drinking water analyses, and identifying the individuals approved to perform those drinking water analyses.
- (B) "Deviation" means any non-compliance with laboratory certification requirements which cover the physical facility, testing equipment, analytical method, reporting, and all quality control requirements whether they are in the method, the laboratory certification manual, or the Ohio Administrative Code.
- (C) "Interim authorization" means granting an analyst operational approval to conduct certain plant control tests pending an on-site approval or, granting a laboratory approval to perform drinking water analyses by using new methods or for new contaminants pending implementation of new or amended regulations.
- (D) "Media" means nutrient and mineral complexes used in the growth and identification of microorganisms.
- (E) "Method detection limit" or "MDL" means the minimum concentration of a substance that can be measured and reported with ninety-nine per cent confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix containing the analyte.
- (F) "Operational approval" means approval granted by the director for an analyst to perform one or more of the plant control tests for alkalinity, alkalinity stability, chloride, chlorine, chlorite, chlorine dioxide, fluoride, hardness, pH, or turbidity, including daily calibration and standardization but not including the preparation of standards or reagents nor the required monthly or quarterly calibration and standardization.
- (G) "National Institute of Standards and Technology" or "NIST" means the non-regulatory federal agency within the United States commerce department's technology administration.
- (H) "On-site survey" means a scheduled or unannounced on-location evaluation and review of a laboratory and its personnel to determine compliance with this chapter.

- (I) "Plant control test" means measurement of any or all of the following parameters that are used to monitor or control drinking water plant treatment processes: alkalinity; alkalinity stability; chloride, chlorine, chlorite, chlorine dioxide, and other disinfectants; fluoride; hardness; pH; phosphate; total dissolved solids; turbidity; copper; iron; manganese; and nitrate.
- (J) "Proficiency test" (PT) means a sample or a group of samples provided to a laboratory by an American Association for Laboratory Accreditation (A2LA) approved provider used for the purpose of determining the ability of a laboratory and its analysts to successfully perform analyses within acceptable limits specified by the United States environmental protection agency.
- (K) "Reporting limit" means the numerical value at and above which a laboratory is required to quantify a contaminant.
- (L) "Standard operating procedure" or "SOP" means a document written by a laboratory that details the prescribed techniques and steps necessary for the performance of a specific method by that laboratory.
- (M) "State Principal Laboratory" means the laboratory designated by the director as required by the United States environmental protection agency under 40 C.F.R. 142.10 (7/1/2002 edition) and certified by the United States environmental protection agency.
- (N) "Subcontract" means an arrangement whereby a laboratory or facility obtains drinking water samples from a public water system and directly provides the samples to a laboratory that is certified to perform the required analyses.
- (O) "Water quality parameters" means the following parameters measured in accordance with rule 3745-81-87 of the Administrative Code: pH, temperature, alkalinity, conductivity, calcium, orthophosphate, and silica.

Replaces: Former 3745-89-01

Effective: 10/13/2008

R.C. 119.032 review dates: 07/10/2008 and 07/10/2013

Promulgated Under: 119.03

Statutory Authority: 6109.03, 6109.04

Rule Amplifies: 6109.03, 6109.04

Prior Effective Dates: 11/26/80, 04/09/90, 09/13/93, 04/01/99, 06/28/03, 06/18/04