

**NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT (EXCERPT)**  
**Act 451 of 1994**

**324.20503 Definitions.**

Sec. 20503. As used in this part:

(a) "Analytical data" means the qualitative or quantitative measurements generated by chemical, physical, biological, microbiological, radiological, or other scientific determination.

(b) "Calibration" means a set of operations that establish, under specified conditions, the relationship between values of quantities indicated by a measuring instrument or measuring system, or values represented by a material measure or a reference material, and the corresponding values realized by standards established as follows:

(i) In calibration of support equipment, through the use of reference standards that are traceable to the international system of units.

(ii) In calibration according to analytical methods, typically through the use of reference materials that are either purchased by the laboratory with a certificate of analysis or purity, or prepared by the laboratory using support equipment that has been calibrated or verified to meet specifications.

(c) "Commercial laboratory" means a privately owned laboratory that generates analytical data required under this act pertaining to the operations of a third person regulated under this act.

(d) "Council" means the laboratory data quality assurance advisory council created in section 20517.

(e) "Department" means the department of environmental quality.

(f) "Director" means the director of the department.

(g) "Fund" means the laboratory data quality recognition program fund created in section 20509.

(h) "In-house laboratory" means a privately owned laboratory that generates analytical data required under this act pertaining to the operations of the owner of that laboratory or an affiliate of the owner.

(i) "Laboratory" means a body that engages in calibration or testing, or both, at a specified location.

(j) "Proficiency testing" means a method of evaluating a laboratory's performance under controlled conditions relative to a given set of criteria through analysis of unknown samples provided by an external source.

(k) "Public laboratory" means a municipal or other publicly owned laboratory that generates analytical data for submission to the department under this act.

(l) "Quality recognition program" means the laboratory data quality recognition program provided for in section 20505.

**History:** Add. 2004, Act 229, Imd. Eff. July 21, 2004.

**Popular name:** Act 451

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