



## Ohio Administrative Code Rule 4733-37-04 Measurement specifications.

Effective: November 1, 2003

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All measurements shall be made in accord with the following specifications:

(A) The surveyor shall keep all equipment used in the performance of surveying in proper repair and adjustment.

(B) Every determination of distance shall be made either directly or indirectly in such a manner that the linear error in the distance between any two points (not necessarily adjacent points) shall not exceed the reported distance divided by ten thousand (allowable linear error = reported distance divided by ten thousand) and every angular measurement shall be made in such a manner that the allowable (directional) error, in radians, shall not exceed the allowable linear error divided by the reported distance (allowable (directional) error = allowable linear error divided by reported distance). When the reported distance is less than two hundred feet, the linear error shall not exceed 0.02 feet. The reported distance is the distance established by the survey.

(C) In all new descriptions and plats of survey, the lengths and directions of the lines shall be specified so that the mathematical error in closure of the property boundary does not exceed 0.02 feet in latitudes and 0.02 feet in departure.

(D) Surveys performed using metric measurements shall utilize the metric equivalents based upon the U.S. survey foot conversion factor.

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