



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

Effective: July 27, 2022

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 and direction shall be made either directly or indirectly in such a manner that the error in the distance or direction between any two points shall not exceed the reported distance divided by ten thousand (allowable error = reported distance divided by ten thousand, or stated as a ratio, 1:10,000) . Directional error thus shall not exceed 1/10,000 of a radian or 21 seconds of arc. 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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