

Considerations regarding the accuracy of determination of surfaces

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SUMMARY

In Romania, there is an acute problem of the cadastre execution on the entire territory of the country, starting, of course, from the cadastre on the cadastral sectors or on the entire Administrative Territorial Unit (ATU). The work is carried out by companies specialized in cadastre works, verified by specialists employed by the City Hall and validated by the County Cadaster and Land Registration Advertising Offices. The beneficiary of the work requires that the accuracy of determining the planimetric position of a mathematical point delimiting the buildings be ± 10 centimeters. The issue at hand is the accuracy of determining the area of a building. Owners, owners or holders do not understand why, after two measurements on the same building, two different surfaces may appear. For this reason, we try to explain through these articles which are the maximum and minimum differences that can occur after two measurements on the same building, and the accuracy of determination.

Keywords: cadastre, surface, perimeter, precision.