

Check of Digital Levels

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ABSTRACT

The usage of digital levels has been up to now an area between field-check and lab-calibration procedures of components. The field checks can be categorized as line-of-sight check and adjustment. Investigation of temperature behaviour of the instrument's compensator and the evaluation of geometric specifications of the levelling staff are the domains of lab calibrations. In this paper - together with special recommendations for digital levelling - an overview of all checks and calibration procedures will be presented.

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