

Andrzej Aniszewicz: Enlargement of the Metrology Laboratory's Scope of Accreditation for the Procedure of Calibration of Devices for Measuring the Height of the Bumper Axis above the Rail Head

The article describes work performed at the Length and Angle Section of the Railway Research Institute's Metrology Laboratory. The main calibration areas as well as kinds of calibrated objects, samples and measuring tools have been presented. The notions of accreditation and calibration have been explained. The results of the Section's own projects concerning the construction of the stand for testing tools for measuring the height of the bumper axis above the head of the rail have been described. The primary technical parameters have been presented. Moreover, the advantages resulting from the construction of the stand for calibration of tools for measuring the parameter "the height of the bumper axis above the head of the rail" and the accreditation of two developed measuring procedures, particularly the advantages concerning the credibility of acquired calibration results have been characterized.

Keywords: metrology, accreditation, calibration laboratory, calibration, height of the bumper axis above the rail head