

Original Paper

Establishing the Traceability of DC Voltage Quantity in the Electrical Metrology Laboratory of Research Center. KIM-LIPI

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Abstract

Electrical Metrology of PUSLIT. KIM-LIPI is a national laboratory in Indonesia, which is responsible for maintaining the electrical quantities especially in the DC voltage. Several researches have been conducted in order to improve the accuracy of the quantities. Research has been done to support the establishment of dissemination process of DC voltage scale from programmable Josephson voltage system up to multifunction calibrator. It can be concluded that at this point KIM-LIPI Research Center has had a self-assured traceability.

Keywords

Josephson voltage standard – Traceability – DC voltage – Uncertainty of measurement