INTISARI

ANALISIS KALIBRASI GELAS UKUR TIPE KERING DAN TIPE BASAH

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Penelitian ini tentang analisis kalibrasi gelas ukur tipe kering dan tipe basah di Laboratorium Volume Balai Standarisasi dan Metrologi Legal pada tanggal 18 April-18 Mei 2016. Tujuan penelitian ini untuk menentukan hasil kalibrasi gelas ukur tipe kering dan tipe basah kapasitas 100 ml, 250 ml, dan 500 ml.

Penelitian dilakukan dengan alat-alat yang telah bersertifikat. Pengambilan data dilakukan sebanyak 54 kali pengambilan data. Data yang didapatkan kemudian dihitung berdasarkan rumus Syarat Teknis Gelas Ukur.

Berdasarkan hasil analisa dan penelitian yang telah dilakukan, perbedaan hasil kalibrasi gelas ukur tipe *in/to contain* dan *ex/to deliver* dapat dilihat dari *error* masing-masing skala. Tipe *ex/to deliver* nilai *error* cenderung lebih besar dibandingkan tipe *in/to contain*

Kata Kunci : Kalibrasi, Gelas Ukur, Tipe Kering, Tipe Basah

ABSTRACT

ANALYSIS CALIBRATION OF GRADUATED CYLINDER TYPE EX/TO DELIVER AND TYPE IN/TO CONTAIN

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Calibration analysis has been done of graduated cylinder type ex/to deliver and type in/to contain in the Volume Laboratory Hall of Standardization and Metrology Legal on 18 May of April 2016. The purpose of this research was to determine the results of calibration of graduated cylinder ex/to and in/to type which capacity contain were 100 ml, 250 ml, and 500 ml.

This research has been done with tools that have been certified. Data retrieval performed as many as 54 times. The data which have been collected by the writer then calculated based on the formula of technical conditions of a graduated cylinder.

Based on the results of the analysis and research that has been done, the calibration results of difference type in/ to contain and ex/to deliver can be seen from the error of each scale. Type ex/to deliver value corrections disposed to be bigger than in/to contain

Keywords : Calibration, Graduated Cylinder, In/to Contain type, Ex/to Deliver Type